Samsung GALAXY MEGA® 2

4 G LTE SMARTPHONE

User Manual

Please read this manual before operating your phone, and keep it for future reference.

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Diagnostic Software

This device is equipped with diagnostic software reporting usage and performance information used solely to deliver improved network quality and overall device experience to AT&T customers. Please refer to your AT&T Wireless Customer Agreement and/or the AT&T Privacy Policy (www.att.com/privacy) for more information.

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Online Legal Information

The online version of the Health/Safety and Warranty guide for your device can be found at:

English: www.samsung.com/us/Legal/Phone-HSGuide

Spanish: www.samsung.com/us/Legal/Phone-HSGuide-SP

The online version of the End User Licensing Agreement for your device can be found:

Online at: www.samsung.com/us/Legal/SamsungLegal-EULA1.

Table of Contents

Section 1: Getting Started 6

Understanding This User Manual 6
Removing the Back Cover 7
Installing the SIM and MicroSD Cards 8
Installing the Battery 9
Replacing the Back Cover 9
Charging the Battery 10
Turning Your Device On or Off 12
Locking and Unlocking the Screen 13
Setting Up Your Device 13
Creating a New Google Account 14
Creating a Samsung Account 14
Retrieving Your Google Account Password 15
Setting Up Your Voice Mail 15

Section 2: Understanding Your Device 16

Features of Your Device 16
Front View of Your Device 17
Side Views of Your Device 18
Rear View of Your Device 19
Navigating Your Device 19
Using Motions and Gestures 20
Home Screen 22
Notifications 25
Status Bar 27
Apps Screen 30
App Shortcuts 32
Folders 33
Widgets 35
Wallpapers 36
Multi Window 37
Smart Stay 40
Pop-up Video 41
Memory Card 41
Entering Text 43

Section 3: Contacts and Address Book 50

Your Address Book 50
AT&T Address Book Activation 50
Adding a New Contact 51
Updating Contacts 53
Using Contacts 53

Linking Contacts 54
Synchronizing Accounts 56
Address Book Options 56
Groups 58
Address Book Favorites 60
Speed Dials 61
Using the Service Dialing Numbers 62
Section 4: Call Functions 63
Displaying Your Phone Number 63
Phone 63
Making a Call 63
Making Emergency Calls 65
Making a Call Using Speed Dial 66
Making a Call from the Address Book 66
Answering a Call 66
Dialing Options 67
Call Log 67
Call Duration 69
Options During a Call 70
Call Settings 78
Section 5: Messaging 83
Types of Messages 83
Creating and Sending Messages 84
Message Options 85
Viewing New Received Messages 87
Deleting Messages 88
Message Search 88
Messages Settings 89
Email 90
Gmail 94
Google+ 95
Hangouts 95
Section 6: Photos and Videos 96
Camera 96
Camcorder 101
Gallery 102
Section 7: Connections 106
Wi-Fi 106
Bluetooth 111
NFC 115
PC Connections 115
Section 8: Applications 116
Managing Applications 116
Accessing Applications 119

Amazon Kindle 119
AT&T FamilyMap 119
AT&T Live 120
AT&T Locker 120
AT&T Mail 120
AT&T Mobile Locate 121
AT&T Navigator 121
AT&T Ready2Go 122
AT&T Smart Wi-Fi 122
Calculator 122
Calendar 123
Caller Name ID 124
Camera 124
Chrome 124
Clock 125
Contacts 128
DeviceHelp 128
Drive 128
DriveMode 129
Email 129
Flipboard 129
For Kids! 129
Gallery 130
Games 130
Gmail 130
Google 130
Google Settings 131
Google+ 131
Hangouts 131
Internet 131
Keeper 133
Lookout 134
Maps 134
Memo 135
Messages 136
Mobile Hotspot 136
Mobile TV 136
Music 137
My Files 140
myAT&T 142
Phone 142
Photos 143
Play Books 143
Play Games 144

Play Movies & TV 144
Play Music 144
Play Newsstand 144
Play Store 145
S Voice 146
Samsung Apps 146
Settings 147
Studio 147
Uber 147
Usage Manager 148
Video 148
Visual Voicemail 149
Voice Recorder 150
Voice Search 150
Wallet 151
YouTube 151
YP 152
Section 9: Settings 153
How To Use Settings 153
Wi-Fi 154
Bluetooth 156
Tethering and Mobile Hotspot 157
Airplane Mode 158
Data Usage 158
Location 159
More Networks 161
NFC 163
Nearby Devices 164
Printing 165
Screen Mirroring 165
Sound 166
Display 167
Wallpaper 168
Home Screen 169
Lock Screen 169
Multi Window 171
Notification Panel 172
Toolbox 173
One-Handed Operation 173
Easy Mode 174
Accessibility 174
Blocking Mode 177
Private Mode 177
Motions and Gestures 178

Accounts 178
Backup and Reset 181
Language and Input 182
Date and Time 187
Safety Assistance 187
Battery 189
Power Saving Mode 189
Storage 190
Security 191
Help 195
About Device 196
Application Manager 197
Default Applications 199
Applications Settings Shortcuts 200

Section 10: Samsung Product Registration 201
Index 202

Section 1: Getting Started

This section explains how to start using your device by configuring your hardware, setting up accounts, and setting up your voice mail.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 202.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting from a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to *"Locking and Unlocking the Screen"* on page 13.

Note: Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device's settings.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Note**: Presents alternative options for the current feature, menu, or submenu.
- **Tip**: Provides quick or innovative methods or useful shortcuts.
- **Important!**: Points out important information about the current feature that could affect performance.
- **Warning!**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent typical steps:

➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures.

For example:

From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display** ➔ **Screen timeout**.

ON/OFF Certain features and options use an **ON/OFF** button.

For example:

Touch the **ON/OFF** button to turn Bluetooth ON ON or OFF OFF.

Removing the Back Cover

Prior to use it is necessary to install both the battery and SIM into their corresponding internal compartments. The microSD card slot is also located in this same internal area.

Caution! Do not bend or twist the back cover excessively. Doing so may damage the cover.

To remove the back cover:

1. Remove the back cover by inserting a fingernail into the slot on the top of your device (1) then lift the cover up (2).

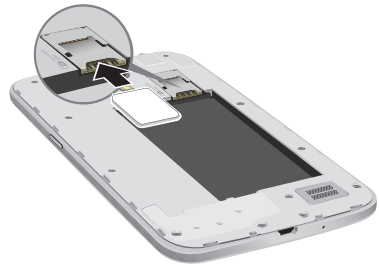
Installing the SIM and MicroSD Cards

When you subscribe to a cellular network, you are provided with a plugin SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features. You can also install a MicroSD card (memory card) to hold additional media (optional).

Important! The plugin SIM card information and its contacts can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

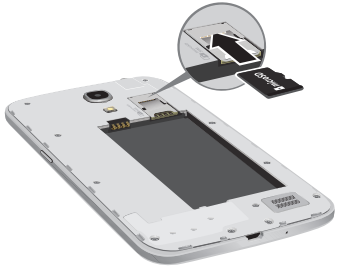
1. Carefully slide the SIM card under the bottom metal plate into the SIM card slot (as shown).

Caution! Make sure that the card's gold contacts face into the device and that the upper left angled corner of the card is positioned as shown.



Note: If the card is not inserted correctly, the device will not detect the SIM card. Orient the card back into the slot if the SIM is not detected.

2. To insert a MicroSD card (optional), carefully slide the MicroSD card under the top metal plate into the MicroSD card slot (as shown).

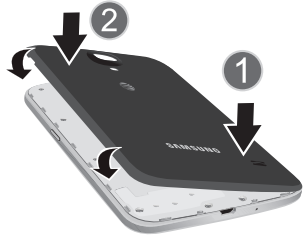


Installing the Battery

1. Insert the battery into the opening on the back of the device, making sure the connectors align.
2. Gently press down to secure the battery.

Replacing the Back Cover

1. Place the battery cover onto the back of the device and press down.



2. Press along the edge of the back cover until you have a secure seal.

Note: Make sure the battery is properly installed before switching on the device.

Charging the Battery

Your device is powered by a rechargeable Li-ion battery. The Travel Charger, which is used to charge the battery, is included with your device. Use only Samsung-approved batteries and chargers.

Note: You must fully charge the battery before using your device for the first time. A discharged battery recharges fully in approximately 4 hours.

Note: Long backlight settings, searching for service, vibrate mode, web browser use, and other variables may reduce the battery's talk and standby times.

Although you can use the device while the battery is charging, doing so requires additional charging time.

Using the Travel Charger

To use the Travel Charger:

1. Plug the flat end of the Travel Charger into the Power/Accessory Interface connector and the other end into a standard AC wall outlet.

2. When charging is finished, remove the flat end from the interface connector jack on the device.

Note: Failure to unplug the wall charger before you remove the battery can cause damage to the device.

Important! Verify that the battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the device may power off and on continuously, preventing proper operation.

Warning! If your device has a touch screen display, please note that a touch screen responds best to a light touch from the pad of your finger. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon ( ) blinks and the device sounds a warning tone at regular intervals. In this condition, your device conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. For a quick check of your battery level, glance at the battery charge indicator located in the upper right corner of your device's display. Solid color ( ) indicates a full charge.

When the battery level becomes too low, the device automatically turns off.

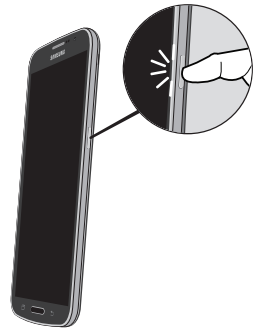
You can also choose to display a percentage value. Having a percentage value onscreen can provide a better idea of the remaining charge on the battery.

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Battery** ➔ **Show battery percentage**.

Turning Your Device On or Off

To turn your device on:

- Press and hold the **Power/Lock Key** until the device switches on.



Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Settings"* on page 153.

To turn your device off:

1. Press and hold the Power/Lock Key until the **Device options** screen displays.
2. Touch **Power off** to turn off the device.
3. At the **Power off** prompt, touch **OK**.

Locking and Unlocking the Screen

1. Press Power/Lock Key to lock the touch screen.
2. Press Power/Lock Key again to display the lock screen then swipe your finger across the screen to unlock.

Note: Swipe is the default screen locking method. To change your screen lock, see *"Home Screen"* on page 169.

Setting Up Your Device

When you first turn on your device, you are asked to set up a few things. To do that, several screens display. Some screens can be skipped (touch **Skip**) or redisplayed (touch **Back**). Some screens display depending on the options you choose.

1. When you first turn on your device, the **Let's set up your device!** screen displays.
2. The default language for your device is English. If you would like to select Spanish, touch **Español** on the bottom right side of the screen.
3. Touch **Terms & Conditions**, read the End User License Agreement for Ready2Go, then touch **Back**.
4. Touch **get started**.

   – or –

   Touch **Remind Later** and then touch **exit** to set up your device later. You can access Ready2Go by touching **Apps** ➔ **AT&T Ready2Go**.
5. Read and follow the instructions on each screen to set up your device.

Creating a New Google Account

In order to utilize your device to the fullest extent, create a Google Account when you first use your device. With a Google Account, Google applications will always be in sync between your device and computer.

If you did not create a new account during the setup procedure when you first turned your device on, follow these steps:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts** ➔ **Add account** ➔ **Google**.
2. Touch **New** to create a new Google account.
   – or –
   If you already have a Google account, touch **Existing** to sign in and add the account to your device.
3. Follow the onscreen instructions to add a Google Account.

Note: Once you have created a Google account, you only need to sign in.

Creating a Samsung Account

An active Samsung account is required to begin accessing applications such as ChatON and Samsung Hub. If you did not create a Samsung account when you first set up your device, follow these steps:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Accounts** ➔ **Add account**.
2. Touch **Samsung account**.
3. Touch **Create account**.
4. Enter the required information and touch **Sign up**.
5. Touch **Terms and conditions** to read them and touch **Close**. Touch Special terms to read them and touch **Back**.
   Touch the **I accept all the terms above** check box.
6. Touch **Privacy policy** to read it and touch **Close**.
   Touch the **I acknowledge...** check box.
7. Touch **Data combination** to read it and touch **Close**.
   Touch the **I have read...** check box.
8. Touch **Agree**.
   Your Samsung account is created.

Retrieving Your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser and navigate to google.com/accounts.
2. Follow the password recovery procedure.

Setting Up Your Voice Mail

1. From a Home screen, touch **Phone**.
2. Touch **Voicemail**.
3. Follow the tutorial to create a password, record a greeting, and record your name.

Note: These steps may be different depending on your network.

Accessing Your Voice Mail

1. From a Home screen, touch **Phone**.
2. Touch **Voicemail**.
   You may be prompted to enter a password.
3. When connected, follow the voice prompts from the voice mail center.

Accessing Your Voice Mail from Another Phone

1. Dial your wireless phone number.
2. When you hear your voicemail greeting, press the asterisk key on the phone you are using.
3. Enter your password.

Section 2: Understanding Your Device

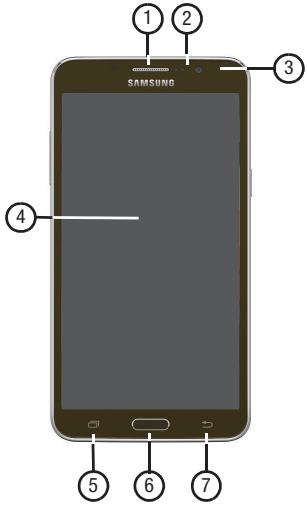
This section outlines some key features of your device and describes the screen and the icons that appear when the device is in use. It also shows how to navigate through the device and provides information on using a memory card.

Features of Your Device

Your device is lightweight, easy-to-use and offers many useful features. The following list outlines a few of the features included in your device.

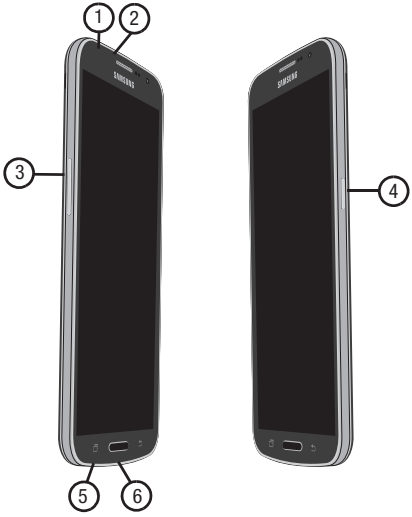
- LTE network with 1.5 gigahertz quad-core processor
- OS Version: Android 4.4, KitKat
- Brilliant 6" HD PLS TFT display
- Touch screen provides quick response to a variety of in-phone menus and options including applications, multi windows and up to seven home screens.
- Smart Switch™ compliant. For more information, see www.samsungsmartswitch.com.
- Ready access to the Internet
- Built-in Bluetooth and advanced Wi-Fi® technology
- Mobile Hotspot and USB Tethering capability
- 8 Megapixel camera and camcorder with Front Facing camera
- AT&T GPS Navigation functionality provides real-time navigation
- Delivers data faster using 4G LTE and High Speed Packet Access Plus (HSPA+).
- Up to 64GB expandable memory slot
- Corporate and Personal Email
- Sync and update social network applications
- Over 750,000 Apps available to download via Google Play Store and Samsung Hub
- Full Integration of Google Mobile™ Services (Gmail, YouTube, Google Maps, Google Voice Search)
- Multiple Messaging Options: Text/Photo/Video Messaging, and Instant Messaging with Google Hangouts
- Samsung Link to share your media content with other devices

Front View of Your Device



1. **External Speaker**: Allows you to hear the caller.
2. **Proximity and Light Sensors**: Uses the ambient light level to adjust keypad access. If the light path is blocked, for example, when holding the device close to your ear, the touch screen will turn off.
3. **Front Facing Camera**: Used to take pictures of yourself when you set the camera shooting mode to Self shot.
4. **Display Screen**: The orientation of the display screen rotates with the device as you turn it. You can turn this feature on and off. For more information, refer to *"Accessibility"* on page 174.
5. **Recent Apps Key**: Press this key to view and select recently used apps.
6. **Home Key**: Press to return to the Home screen. Press and hold to display Recent apps, Task Manager, and Google Search. Quickly press twice to activate the S Voice application.
7. **Back Key**: Used to step backwards when navigating a menu or web page.

Side Views of Your Device



1. **3.5mm Headset jack**: Allows you to plug in headphones.
2. **Microphone**: Used for noise cancellation and stereo recording.
3. **Volume keys**: Used to adjust the ringer volume while in standby mode or adjust the voice volume during a call. When receiving an incoming call, briefly press down either volume key to mute the ring tone. Adjusts text size when reading a message.
4. **Power/Lock key**: Used to power your device on and off. Also allows you to lock or unlock the touch screen. For more information, refer to *"Locking and Unlocking the Screen"* on page 13.
5. **Microphone**: Makes it possible for other callers to hear you when you are speaking to them. It is also used for the Speakerphone.
6. **Power/Accessory Interface connector**: Used to connect a Travel Charger or other optional accessories such as a USB/data cable or a hands-free headset for convenient, hands-free conversations.

Rear View of Your Device

1. **Camera lens**: Takes pictures and shoots videos.
2. **Flash**: Provides adequate light when taking pictures in dark places.
3. **External speaker**: Allows you to hear when the Speakerphone is turned on.

Navigating Your Device

Two touch keys and a Home button are provided along the bottom of the device for navigation and simple functions.

Recent Apps

To display a list of recently used apps:

- Touch **Recent apps**. Touch an app to open it.

To close an app:

- Drag the app preview to the edge of the screen. The direction to drag the app preview depends on the orientation of the device.

To close all running apps:

- Touch **Close all**.

To manage running apps, downloads, device memory, and storage:

- Touch **Recent apps** → **Task Manager**.

Home

To display the main Home screen:

- Press **Home**.

To launch Google Now:

- Press and hold **Home**.

Back

To return to the previous screen, option, or step:

- Touch **Back**.

Using Motions and Gestures

By activating the various motion and gesture features, you can access a variety of time saving functions.

Terms used in this user manual

Touch

Lightly touch items to select or launch them. For example:

- Touch the onscreen keyboard to enter characters or text.
- Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate onscreen items by a touch and hold gesture. For example:

- Touch and hold a widget on the home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe and Palm Swipe

To swipe, lightly drag your finger vertically or horizontally across the screen. Use swipe when:

- Unlocking the screen
- Scrolling through the Home screen or a menu

To palm swipe, swipe the side of your hand horizontally across the screen. Use palm swipe when:

- Capturing the screen

Turn Over

Turn your device over so that the screen faces downward. For example:

- Mute incoming calls and playing sounds by turning your device over.

Activating Motions and Gestures

Caution! Excessive shaking or impact to the device may cause unintended results.

To learn how to properly control motions:

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Motions and gestures**.

  When touched, each entry shows an onscreen tutorial.

For more information, refer to *"Motions and Gestures"* on page 178.

Screen Capture

- Touch and hold the **Power/Lock Key** and **Home** to capture and save an image of the current screen.

Note: A copy of the screenshot is automatically saved to the clipboard.

To view screenshots:

1. From a Home screen, touch **Apps** ➔ **My Files**.
2. Touch **Device storage** ➔ **Pictures** ➔ **Screenshots**.
3. Touch a screen capture file to display it.

Home Screen

The Home screen is the starting point for using your device. It consists of:

1. **Notifications**: Notification icons appear on the Status Bar at the top of the screen to report new messages, calendar events, device status, and more. Drag down from the Status Bar to open the Notification Panel.
2. **Status Bar**: The Status Bar displays notifications on the left side and status indicators on the right side.
3. **Status indicators**: Display your current network status, signal strength, battery charge, and time.
4. **Widgets**: Applications that run on the Home screen. Some widgets are found on the Home screen by default. For more information, refer to *"Widgets"* on page 35.
5. **App Shortcuts**: Touch to launch your favorite apps.
6. **Current Screen**: Shows which Home screen is presently displayed.
7. **Primary Shortcuts**: Access to important features such as Phone, Email, Browser, and Camera. For more information, refer to *"Folders"* on page 33.

8. **Apps Screen**: Access to all your apps and widgets.

Extended Home Screen

The Home screen consists of the Home panel, plus additional panels that extend beyond the display width to provide more space for adding shortcuts and widgets.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the Current Screen indicator shows your current position.

Note: A Home screen displays when you touch **Home**.

Customizing the Home Screens

To customize the Home screens to suit your preferences:

1. Navigate to one of the Home screen panels.
2. Touch and hold on the screen until the **Home screen** pop-up displays.
3. Touch **Wallpapers** to change the Home screen wallpaper. For more information, refer to *"Wallpapers"* on page 36.

Display Settings

You can customize display screen settings to your preferences. For more information, refer to *"Home Screen"* on page 169.

Adding and Removing Home Screen Panels

You can add and delete Home screens. You can have up to seven Home screens.

To add a new Home screen:

1. From a Home screen, either press and hold an empty area of the screen, or pinch the screen (use your index finger and thumb to make a pinching motion across the screen).
2. Touch the Home screen that contains +.
   A new screen is added.
3. If desired, touch and hold the new screen and drag it to a different location.
4. Touch **Home** at the top of a panel to set it as the default home screen.
5. Press **Home** to return to the main Home screen.
   You can now add items to your new Home screen.

To delete a Home screen:

1. From a Home screen, either press and hold an empty area of the screen, or pinch the screen (use your index finger and thumb to make a pinching motion across the screen).
2. Touch and hold the Home screen you want to delete.
3. Drag it to **Remove** located at the top of the screen. The page will turn red.
4. If there are items on the Home screen, the **Remove page** prompt displays.
5. Touch **OK** to delete the page and its contents, otherwise touch **Cancel**.
6. Press **Home** to return to the main Home screen.

Google Search Bar

The Google Search Bar provides an onscreen Internet search engine powered by Google.

1. From the main Home screen, swipe to the left and touch the Google Search bar.

2. Use the onscreen keyboard to enter the item you want to search for, then touch on the keyboard.
3. Touch to use Google Voice Search. Follow the onscreen instructions.

Notifications

Notification icons appear on the Status Bar at the top of the screen to report new messages, calendar events, device status, and more. For details about these notifications, open the Notification Panel.

Notification Panel

To view the Notification Panel:

1. Swipe downward from the top of the screen.
2. Scroll down the list to see additional notification details.
3. Touch an item to open it.
4. To clear a single notification, drag the notification left or right.

   – or –

   Touch **Clear** to clear all notifications.

To close the Notification Panel:

- Swipe upward from the bottom of the screen or touch **Back**.

Accessing Additional Panel Functions

In addition to notifications, the Notification Panel also provides quick access to separate device functions. These can be quickly activated or deactivated by toggling them on or off. You can choose the functions that display.

From the Notification Panel:

1. To go to Settings, touch **Settings**. For more information, refer to *"Settings"* on page 153.
2. Touch **View all** to display additional options.

   Functions, such as Wi-Fi, Location, and so on, can either be activated (green) or deactivated (gray).
3. Touch **Edit** and locate the Notification Panel area at the bottom of the Notification Panel screen.
   - In a single motion, touch and hold a desired function, such as Airplane mode, then drag it to the top two rows.
   - Touch **Brightness adjustment** to create a check mark if you want to be able to adjust the screen brightness and volume from the Notification Panel.
   - Touch **Back** to exit the Notification Panel.
4. Touch to display only your primary functions.
5. To set the display brightness, touch the **Brightness** slider and drag it to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status. For more information, refer to *"Home Screen"* on page 169.

Notifications displays system notifications.

- Touch a notification entry to display the details. Drag a notification left or right to remove it and remove Notification Icons from the Status Bar.

  For more information, refer to *"Notification Panel"* on page 25.

To close the Notification Panel:

- Touch **Back**, or swipe up.

Status Bar

The Status Bar at the top of the home screen provides device information (such as network status, signal strength, battery charge, and time) on the right side and notification alerts on the left.

To display the Status Bar:

- From a Home screen, swipe downward from the top of the screen. The grey Status Bar will appear. It will disappear after a few seconds.

Status Bar Icons

Some common status and notification icons are shown below.

Displays your current signal strength. The greater the number of bars, the stronger the signal.

Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information.

Displays when there is no SIM card in the device.

Displays when there is no network available.

Displays when your device is in Blocking mode.

Displays when there is a system error or alert.

Displays when the Smart stay feature is activated. The screen stays on as long as you are looking at it.

Displays to indicate a security warning. You are prompted to set a screen lock password.

Displays when a call is in progress.

Displays when a call is on hold.

Displays when the speakerphone is on.

Displays when a call has been missed.

Displays when a call has been muted.

Displays when Call forwarding is set to Always forward. For more information, refer to *"Call Forwarding"* on page 76.

Displays your battery charge level. Icon shown is fully charged.

Displays when your battery is charging. Also displays battery charge level.

Device Power Very Low – Shows your current battery only has between 5 and 15 percent power remaining.

Device Power Critical – Shows your current battery only has less than 5 percent power remaining and will immediately shutdown.

Displays when your connection to an EDGE network is active.

Displays when your phone is communicating with the EDGE network.

Displays when your connection to a 4G LTE network is active.

Displays when your phone is communicating with the 4G LTE network.

Displays when your device is downloading or has downloaded a file. It will blink green when it is installing.

Displays when the an outbound file transfer is in progress.

Displays when a Play Store download has completed.

Displays when updates are available for download.

Displays when the device is connected to a computer via a supported USB cable connection.

Displays when the device is tethered via a supported USB cable connection.

Displays when a new text or multimedia message is received.

Displays when a new voice mail is received.

Displays when Email is received.

Displays when the time and date for a Calendar Event has arrived. For more information, refer to *"Calendar"* on page 123.

Displays when you set an alarm to ring at a specified time. For more information, refer to *"Alarm"* on page 125.

Displays when the Sound profile is set to Mute.

Displays when the Sound profile is set to Vibrate.

Displays when Bluetooth is activated.

Displays when a Bluetooth device has been paired with the device.

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when there is a Wi-Fi access point available but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP).

Displays when Wi-Fi Direct is active and your device is connected to another device.

Displays when your device as been configured as a portable Wi-Fi hotspot.

Displays when the Location service is active and acquiring a signal.

Displays when your device is connecting to the Device Management server when you first turn on your device.

Displays when Near Field Communication (NFC) has been activated.

Displays when your device is connected being used to control streaming media and is connected to another device using the Samsung Link application.

Displays when your device is currently sharing/ streaming media to a paired device using the Samsung Link application.

Displays when TTY device has been inserted.

Displays when a screen capture has been taken.

Displays when the keypad is active.

Apps Screen

The **Apps** screen displays all applications installed on your wireless device. Applications that you download and install from Google Play or from the web are also added to a Home screen.

Follow these steps to navigate through the Apps screens:

1. From a Home screen, touch **Apps**.
   The first Apps screen displays.
2. Sweep the screen left or right to access the other screens.
3. Touch an app's icon to launch the app.

Note: As you add apps, the number of Apps screens increases.

For more information, refer to *"Applications"* on page 116.

Customizing the Apps Screen

The Apps icons can be arranged in various ways. To change the arrangement of the Apps icons:

1. From a Home screen, touch **Apps**.
2. Touch **More options** ➔ **View as**.
3. Touch **Customizable grid** or **Alphabetical grid**.

To manually customize the order of the icons on the Apps screen, the apps must be in the **Customizable Grid** view. To move the icons:

1. From a Home screen, touch **Apps**.
2. Touch **More options** ➔ **Edit**.
3. Touch and hold an icon and drag it to a new position.
4. Touch **Edit** (top left corner) or **Back** to save the changes.

View Downloaded Applications

To view your downloaded applications:

1. From a Home screen, touch **Apps**.
2. Touch **More options** ➔ **Downloaded apps**.

Note: This option does nothing if no apps have been downloaded to the device.

3. Touch an app icon to launch the application.

Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Swipe the screen to the **ALL** tab, scroll through the apps list, and touch the app to view details about the App.

App Shortcuts

Use App Shortcuts for quickly access to applications or features, such as Email or other applications.

Primary Shortcuts

Primary Shortcuts appear at the bottom of each Home screen. The default Primary Shortcuts are: Phone, Messaging, Internet, and Apps.

You can change any of your Primary Shortcuts, with the exception of the **Apps** shortcut, as follows:

1. Press **Home** to activate the main Home screen.
2. Touch and hold the Primary Shortcut until **Remove** displays, then drag the Primary Shortcut to the **Remove** icon.
3. Touch **Apps** and scroll through the App menu to find the shortcut you want to add as the new Primary Shortcut.
4. Touch and hold the new shortcut, then drag it to the empty space in the row of Primary Shortcuts.

   The new Primary Shortcut displays on all Home screens.

Adding App Shortcuts

1. Touch **Apps**.
2. Touch and hold the application icon to add until the Home screen displays.
3. Drag the app icon where you want to place it and release it.
4. To move the app shortcut, touch and hold the shortcut and then drag it to reposition it on the Home screen.

Removing App Shortcuts

- From a Home screen, touch and hold the App Shortcut until **Remove** displays, and then drag the App Shortcut to the **Remove** icon.

Folders

Folders provide a way to organize related apps. They can be placed on Home screens just like app shortcuts. If you create any folders, they are placed in **Apps** on a screen separate from the apps icons.

AT&T Apps Folder

The AT&T apps folder provides quick access to the AT&T apps on your device.

- Navigate through the Home screens and touch **AT&T**.

  The AT&T apps folder pop-up displays with the AT&T icons.

Google Apps Folder

The Google apps folder provides quick access to the Google apps on your device.

- Navigate through the Home screens and touch **Google**.

  The Google apps folder pop-up displays with the Google icons.

Adding Folders

To create a folder on a Home screen:

1. Touch **Apps**.
2. Touch **More options** ➔ **Create folder**.
3. Use the keyboard to enter a name for the folder.
4. Touch **Add**. The Apps screens appear.
5. Swipe through the Apps screens and touch each app icon that you want to include in the folder. A check mark appears next to each icon that is selected.
6. Touch **Done** when finished.

   A new folder displays on the folder page, which is one of the Apps screens.
7. Touch and hold the folder to place it on a Home screen.

Managing Folders

To rename a folder:

- Touch the folder, touch the current name, and use the keyboard to enter a new name for the folder.

To add an App shortcut to a folder:

1. Touch **Apps** and navigate to the folders.
2. Touch the folder, and then touch **Add**. The Apps screens appear.
3. Swipe through the Apps screens and touch each app icon that you want to include in the folder. A check mark appears next to each icon that is selected.
4. Touch **Done** when finished. The selected apps are added to the folder.

Removing an App

To remove an App shortcut from a folder:

Note: Apps can only be removed from a folder if the folder is placed on a Home screen. Apps cannot be removed from a folder in the Apps screen.

1. Touch the folder to view the contents.
2. Touch the App shortcut, drag it out of the folder, and drop it on the Home screen.

Removing a Folder

- On a Home screen, touch and hold the folder until **Remove** displays, then drag the folder to the **Remove** icon.

Note: This action only removes a folder from a Home screen. It does not delete either the folder or its contents.

Deleting a Folder

1. Touch **Apps**.
2. Touch **More options** → **Edit**.
3. Touch and hold the folder to delete until **Remove** appears.
4. Drag the folder to **Remove**. This will delete the folder. The apps are not affected.

Widgets

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

When you first turn on your device, there are various widgets on the center Home screen. Widgets can be added to all Home screens.

Adding Widgets to a Home Screen

1. Navigate to the Home screen on which you want to place the Widget.
2. Touch and hold an empty area until the edit screen appears.
3. Touch **Widgets** at the bottom of the screen.

Note: Swipe across the screen horizontally to view all Widgets.

4. Touch and hold the widget's icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

Note: There must be room on the screen where you want to place the widget; otherwise the widget will not add to the Home screen. If there is not enough room, you can drag the widget to other Home screens.

Removing Widgets

- Touch and hold the Widget until **Remove** displays, then drag the widget to the **Remove** icon.

Note: This action does not actually delete the Widget, it just removes it from the current Home screen.

Wallpapers

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. From a Home screen, touch and hold on the screen.
   The **Home screen** options pop-up displays.
2. Touch **Set wallpaper**.
   The Set wallpaper pop-up displays.
3. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.

The **Select wallpaper from** pop-up displays the following options:

- **Gallery**: Access the Gallery to select a photo. Touch a photo to select it. Crop and resize the picture, if desired. Touch **Done** to save the picture as wallpaper. Touch **Cancel** to cancel.
- **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch **Back** to return to the Live wallpapers menu.
- **Photos**: Access Google Photos to select a photo (Home screen only).
- **Wallpapers**: Choose from pre-loaded wallpaper images. Touch an image to view it. Touch **Set wallpaper** to save it as wallpaper. Touch **Back** to return to the Home screen.

Multi Window

This feature can be used to run multiple applications on the current screen at the same time.

Note: Only applications found within the Multi window panel can be active atop another current application on the screen.

When launching applications that contain multimedia files (music or video), audio from both files will be played simultaneously.

Activating and Deactivating Multi Window

To activate Multi window:

1. Swipe downward from the top of the screen.
2. Touch **Settings**.
3. Touch **Multi window**.
4. Touch the ON **ON/OFF** button to activate the feature.
5. Touch **Home** to return to the Home screen.
6. Touch the Multi window tab to open the application panel showing all the available multi window apps.

Note: Initially upon activation, the entire apps panel is briefly displayed, then minimized to only show the tab.

Tip: Multi window can also be activated or deactivated by touching the top of the screen, dragging downward to display the Notification Panel, and then touching **Multi window**.

To hide Multi window:

- Touch and hold **Back**. This action hides the Multi window tab from view.

Note: Once you have set the Multi window option to On, you only need to touch and hold **Back** to reactivate the Multi window feature.

Repositioning the Multi Window

The Multi window contains two components: the tab and the apps panel. The tab can be moved up or down at the edge of the screen. The Apps panel, which contains the scrollable apps, and the tab can be relocated to either the left or right side of the screen.

To move the tab and relocate the apps panel:

1. Activate the Multi window feature.
2. Touch and hold the Multi window tab for approximately one second.
3. Drag the tab up or down the side of the screen.

Note: This is a quick way to get the tab out of the way if you cannot get to a button or option behind it.

– or –

In a single motion, touch and hold the tab for approximately one second to detach it from the screen, then drag it to the opposite screen edge.

To remove or add a Multi window application:

1. Activate the Multi window feature.
2. Touch the Multi window tab to display the apps panel and the scrollable apps.
3. Touch the **More** button at the bottom of the panel.
4. Touch the **Edit** button to reveal a staging area that can house any applications removed from the Multi window panel.
5. In a single motion, touch and hold a desired app icon until it detaches from the panel, then carefully drag it out of the apps panel and onto the staging area.

   – or –

   In a single motion, touch and hold a desired app until it detaches from the staging area, then carefully drag it to a new location in the current list of apps.
6. Touch **Done** once you have completed the moving process. The staging area is removed.

Using Multi Window

Use Multi window to run multiple apps on the same screen.

Any of the apps found within the Multi window panel can be run at the same time as a current onscreen app.

Once multiple apps are running on the same screen, you can then choose to either swap their positions or maximize a desired app.

In the following example, we will be launching both the Internet and Maps applications, but any two apps listed in the Multi window apps panel will work the same way.

1. From a Home screen, touch the Multi window tab to display the apps panel
2. Touch and hold **Internet** until it detaches from the panel.
3. Drag the icon over either the top or bottom area of the screen and release the icon. The Internet browser opens in the area selected.
4. Touch and hold **Maps** until it detaches from the panel.
5. In a single motion, drag the icon over the screen area opposite the Internet browser and release the icon.

Note: Once the two applications are running, the device displays a split screen view containing both the initial Multi window app and the second Multi window app. Each application is still independent of the other.

Window Controls

Select an application window and touch in the middle of the windows. Window controls appear:

Switch windows between applications.

Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.

Close the application.

Creating a Paired Window

Use this feature to save the combination of current running Multi window applications.

On the Multi window panel:

1. Touch to access the panel controls.
2. Touch **Create**. The window pair is saved to the Multi window panel.

Smart Stay

With **Smart stay** activated your device does not time out as long as you are looking at it.

Smart stay uses the front camera to detect when you are facing the screen. Some factors may affect the ability of the front camera to detect your face:

- When the device is not docked or held upright. For example, when placed on a table.
- When the front camera cannot detect your face and eyes.
- When the front camera is in use by an application.
- When the light source is behind you or when using the device in the dark.

Configure Smart Stay

To enable Smart stay:

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display** ➔ **Smart stay**.

Pop-up Video

Multitask with Pop-up Video by transforming your video player into a pop-up window floating on the screen. The video continues to play, and the pop-up window can be resized or moved anywhere on the screen.

To use Pop-up Video:

- While watching a video, touch the video once to see the controls. Then touch **Pop-up Video** in the lower right corner of the controls.

Memory Card

Your device lets you use a microSD (SD) or microSDHC card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality. The device has a USB SD card mode.

Mounting the SD Card

To store additional photos, music, videos, and other applications, you must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

1. Insert the SD card into the external, SD card slot. For more information, refer to *"Installing the SIM and MicroSD Cards"* on page 8.
2. Your SD card is scanned to see the available information on it.

Unmounting the SD Card

Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

Note: To use this feature, your device must not be connected to a computer. The Unmount SD Card option is not available when the device is connected to a computer via USB.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage** (located under SYSTEM).
2. Scroll to the bottom of the display and touch **Unmount SD card**.
3. Touch **OK**.

   For more information, refer to *"Installing the SIM and MicroSD Cards"* on page 8.

SD Card Available Memory Status

To view the memory allocation for your external SD card:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.
2. The available memory for Device and SD card displays under the **Total space** and **Available space** headings.

Erasing Files from the SD Card

You can erase files from the SD card using the device.

Note: To use this feature, your device must not be connected to a computer. The Format SD Card option is not available when the device is connected to a computer via USB.

1. Ensure the SD card is mounted. For more information, refer to *"Mounting the SD Card"* on page 41.
2. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.
3. Touch **Format SD card**.
4. At the **Format SD card** confirmation prompt, touch **Format SD card**.

Warning! Performing the next step erases all data stored on the SD card.

5. Touch **Delete all** to format or touch **Back** to cancel.

Entering Text

This section describes how to select the desired text input method when entering characters into your device. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your device is equipped with an orientation detector that can tell if the device is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Text Input Methods

There are three text input methods available:

- **Samsung keyboard (default)**: Samsung's onscreen QWERTY keyboard that can be used in both portrait and landscape orientation.
- **Swype**: a new way to enter text on touch screens. Instead of touching each key, use your finger to trace over each letter of a word.
- **Google Voice typing**: allows you to enter text by speaking.

To change the input method, see *"Keyboards and Input Methods"* on page 182.

To choose a text input method while entering text:

1. Touch the top of the screen and swipe downward.
   The Notification Panel displays.
2. Touch **Choose input method**.
   The Choose input method pop-up displays.
3. Touch an input method to activate it.

For more information, refer to *"Keyboards and Input Methods"* on page 182.

Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text. Input characters by touching the onscreen keys with your finger or use speech recognition.

You can enable predictive text to have the Samsung keyboard match your key touches to common words and display them. The Personalization option learns from your Gmail, Facebook, and Twitter accounts. Log into these applications to enable the Samsung keyboard to learn from your text input.

Keyboard Types

In addition to the default QWERTY keyboard, there are two other types of the Samsung keyboard: a ***Floating*** keyboard and a ***One-handed operation*** keyboard.

To change the keyboard type:

1. Access the QWERTY keyboard.
2. Touch and hold **Options** on the keyboard, touch , and then select **Floating** or **One-handed operation** from the pop-up menu.
3. Touch the tab at the top of the Floating keyboard to move it.

   – or –

   Touch the triangular button to the left or right of the One-handed operation keyboard to switch it to the right or left position.

Configuring the Samsung Keyboard

Configure the Samsung keyboard to your preferences.

- While entering text, touch and hold **Options**, then select **Settings** in the pop-up menu.

  The Samsung keyboard settings screen displays.

For more information, refer to *"Samsung Keyboard"* on page 183.

Entering Text Using the Samsung Keyboard

From a screen where you can enter text, rotate your device counterclockwise to a Landscape orientation. The onscreen QWERTY keyboard displays.

Changing the Text Input Mode

There are two main keyboard layout keys that will change the onscreen keys within the QWERTY keyboard.

The available Text Input modes are: **Sym** and **Abc**.

Sym **Symbol/Numeric Mode**: Activates the number, symbol, and emoticon keys.

ABC **ABC Mode**: Activates the default alphabet keys. Can also be set to **Abc** or **abc** by using the shift (⇧) key.

Note: When in **ABC** mode, the **Sym** button appears. When in **Sym** mode, the **ABC** button appears.

Using ABC Mode

1. If desired, rotate your device counterclockwise to a Landscape orientation.
2. Touch the desired alphabetic characters.
3. The screen initially opens in ABC mode. After typing the first letter, the shift key (⇧) will change to ⬆ and following letters will be lowercase.
4. Touch ⬆ to input another uppercase letter or double-tap ⬆ to switch to ABC mode. The shift key will change to ⇧ in ABC mode. All following letters will be uppercase until you touch the shift key again.

Using Symbol/Numeric Mode

Use Symbol/Numeric Mode to add numbers, symbols, or emoticons.

1. Rotate your device counterclockwise to a Landscape orientation.
2. Touch Sym at the bottom of the screen.
3. Touch the desired number, symbol, or emoticon characters.
4. Touch the 1/2 button to access additional symbols.
5. Touch ABC to return to Abc mode.

Predictive Text

The Predictive Text option provides next-letter prediction and regional error correction, which compensates for touching the wrong keys on the QWERTY keyboard. Predictive text is turned on by default.

1. Touch and hold **Options** on the keyboard, then touch **Settings** ➔ **Predictive text**.
2. Touch the ON **ON/OFF** button to turn Predictive text ON.
3. While entering characters, potential word matches display in the Predictive text area above the keyboard. Touch a word to insert it into your text.

Entering Text Using Handwriting

You can enter text simply by using your finger to handwrite letters on your screen.

1. From the keyboard, touch **Options** and then touch **Handwriting**.
2. Use your finger tip to write out each character. You can print or use cursive.
3. You can write out your entire message using the Handwriting feature or touch to switch back to Samsung keyboard mode.

Using the Google Voice Typing Feature

You can use your voice to enter text using the Google Voice typing feature.

1. From the keyboard, touch the top of the screen and drag downward to display the Notification Panel.
2. Touch **Choose input method**.
3. Touch **Google voice typing**.
4. At the **Speak now** prompt, speak clearly and distinctly into the microphone.
5. If the red microphone turns gray, then the feature has timed out and you should touch the microphone icon to start again.

   The text displays in the message as you are speaking.
6. After you have quit speaking for several seconds, touch to return to the keyboard.

Note: The feature works best when you break your message down into smaller segments.

Entering Text Using Swype

Swype is a text input method that makes it possible to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a touch predictive text system.

Enabling and Configuring Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward, to display the Notification Panel.

   The Notification Panel displays.

2. Touch **Choose input method**.

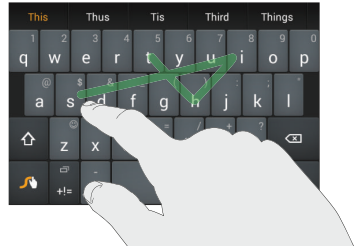
   The Choose input method pop-up displays.

3. Touch **Swype**.

   The Swype keyboard displays.

Swype Tips

The following example shows how to enter the word “This”. Put your finger down on the “T”, and without lifting, glide it to the “h”, then to the “i” then over to the “s”.



Here are a few tips to get you started:

- Create a squiggle (like an S shape) to create a double letter (such as ***pp*** in apple).
- Touch and hold a key to view the punctuation menu then make a selection.

- Move your finger or stylus over the apostrophe to enter contractions.
- Double tap on the word you want to change to correct a misspelled word, then touch the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Swype Settings

To configure Swype to your preferences.

- While entering text, touch and hold the **Swype Key** to display the Settings screen.

  For more information, refer to *"Swype"* on page 184.

Swype Help

While entering text, you can get information about Swype.

1. Touch and hold the **Swype Key** to access the Swype options menu.
2. Touch **Help** ➔ **How to Swype**.

   The Swype tutorial displays.

Section 3: Contacts and Address Book

This section explains how to manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

Your Address Book

You can store phone numbers and their corresponding names onto your SIM card and device's onboard memory. The two locations are physically separate, but are used as a single entity called the *Address Book*.

Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store and how they are stored may differ.

AT&T Address Book Activation

When you access the AT&T Address Book, the network backup service, contacts are automatically synchronized between your device and online address book. The changes you make are automatically saved and, if you ever upgrade, damage, or lose your device, you can easily restore your contacts onto your new device.

To activate the AT&T Address Book:

1. From a Home screen, touch **Apps** ➔ **Contacts**.

   – or –

   From a Home screen, touch **Phone** ➔ **Contacts**.

   Your Address Book is displayed.
2. If you have not synchronized your device with your online AT&T Address Book recently, the **AT&T Address Book** screen is displayed. If you want to synchronize your Address Book, touch **Yes**.
3. Follow the onscreen instructions.

Your AT&T Address Book is Ready to Use. You can now make a call or send a message through your Address Book.

You can also manage your Address Book on the web at www.att.com/addressbook.

Synchronizing Your AT&T Address Book

If you ever upgrade, damage, or lose your device, you can easily restore your contacts onto your new device by following these steps:

1. Touch **Contacts**.
2. Touch **More options** ➔ **Settings** ➔ **Contacts** ➔ **Accounts** ➔ **AT&T Address Book**.
3. At the AT&T Address Book screen, touch **Sync** to synchronize your device with your online Address Book.
4. If there are existing contacts on your device, you will be prompted whether you would like to remove them first. Touch either **Yes** or **Not now**.

   Your device is synchronized and your Contact list displays.

Adding a New Contact

Use the following procedure to add a new contact:

1. Touch **Contacts** ➔ **Add**.

   The Add Contact screen displays.
2. Touch **Device**, **SIM card**, or an account, depending on where you want to store the new contact.
3. Touch the Contact image to choose a picture to identify the contact.
4. Touch contact fields to display the keyboard and enter information:
   - Some fields have preset values. Touch the field and touch the desired value. For example, touch the Label tab and touch a label for the field.
   - Other fields have to be input. Touch the field and use the onscreen keyboard to input information.
   - Touching the check box next to some fields may make additional fields available.

- Touch + to add additional fields.Touch — to remove an unused field. If needed, touch **Add another field** to add other fields.
- Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.

5. Touch **Back** to remove the keyboard.
6. When you finish entering information, touch **Save** to save your changes or touch **Cancel** ➔ **Discard** to cancel and discard changes.

Tip: Display a contact's record and touch the **Email** field to send an email, the **Address** field to display the address on a map, or the **Website** field to link to the website.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called pauses and waits. A pause stops the calling sequence for two seconds and a wait pauses the calling sequence until you enter a number or touch a key.

To add a pause or a wait to an existing Contact:

1. Touch **Contacts**.
2. Touch the name or number to open the Contact.
3. Touch **Edit** to edit.
4. Touch the phone number field.
5. Touch the screen at the position where the pause or wait needs to be added.
6. Touch Sym.
7. Touch **Pause(,)** to add a two-second pause or touch **Wait(;)** to add a wait. A pause displays as a comma (,) and a wait displays as a semicolon (;).
8. Touch 123 and use the keypad to enter the additional numbers.
9. Touch **Save** to save your changes or touch **Cancel** ➔ **OK** to cancel and discard changes.

Updating Contacts

To update an existing contact:

1. Touch **Contacts**.
2. Touch a contact in the Contacts list to view its information.
3. Touch **Edit**.
4. Continue entering contact information. For more information, refer to *"Adding a New Contact"* on page 51.

Using Contacts

Dialing or Messaging from Address Book

Once you have stored phone numbers in the Address Book, you can call those contacts easily and quickly by either using their phone number or by using the Search field to locate a contact entry. You can also send messages from the Address Book.

Finding an Address Book Entry

To find an Address Book entry:

1. Touch **Contacts**.
2. Within the Contacts list (sorted alphabetically), touch a letter on the right side of the display to quickly jump to the contacts beginning with that letter.
3. Touch the contact you want to call or message.
4. To make a phone call, touch the phone icon.

   – or –

   To send a message, touch the message icon.

   For more information, refer to *"Creating and Sending Messages"* on page 84.

Tip: From the Contact list, swipe right over a listing to make a call. Swipe left over a listing to send a message.

Linking Contacts

Linking Contact Information

Your device can synchronize with multiple accounts, including Google, Corporate, and other providers, plus social networking sites like Facebook. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Link contact records to see all the contact's numbers and addresses together. Linking also helps you keep your contacts updated because any changes to information in the respective accounts is automatically updated the next time you synchronize with the account.

The next time you synchronize your device with your accounts, any updates that contacts make to email account names, email addresses, and so on, automatically update in your contacts list.

For more information about synchronizing accounts, see *"Synchronizing Accounts"* on page 56.

Linking Contacts

1. Touch **Contacts**.
2. Touch a contact name that you want to link to another contact entry.

   Note: Typically this is the same contact with a different name or account information.
3. Touch **More options** ➔ **Link contacts**.

   The contact list displays.

Note: Only contacts stored on your device can be linked.

4. Touch the second contact entry that you want to link with the first contact entry.

   The second contact is now linked with the first contact and the account information is merged into one screen.

Note: When you link the contacts, the information is still maintained in both entries, but displays in one record for easier viewing.

5. Touch to view the linked contact information. The location of the contact, such as Device or SIM, displays along with the contact's name.

Unlinking Contacts

1. Touch **Contacts**.
2. Touch the linked contact name.

   In the **Connected via** section, various icons show how many contacts are linked in this record.
3. Touch in the **Connected via** section to display the linked contacts list.
4. Touch next to a contact to remove it from the linked contact record.
5. At the **Separate contact** prompt, touch **OK**.

   The contact is now separated and no longer displays in the merged record screen.

Marking a Contact Field as Default

When you use messaging applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different contact records for John Smith, so the application will be looking for the "default" number or entry.

1. Touch **Contacts**.
2. Touch a Contact name.
3. Touch **More options** → **Mark as default**.

   The Mark as default screen displays radio buttons next to the contact names or phone numbers of all the linked contacts. The radio button next to the default contact will be green.
4. To change the default contact, touch the radio button next to another entry that you want to be the default. The radio button turns green.
5. Touch **Save**.

Synchronizing Accounts

From the Accounts menu you decide whether you want applications to synchronize, send, and receive data at any given time, or if you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

1. Touch **Contacts**.
2. Touch **More options** ➔ **Settings** ➔ **Contacts** ➔ **Accounts**.

   If you have previously added any accounts, the accounts are listed.
3. Touch an account that you would like to synchronize.
4. At the **Sync settings** screen, touch the options that you would like to synchronize for that account.
5. Touch **More options** ➔ **Sync now** to synchronize the account.
6. When finished, touch the **Back** key until you return to the Contacts list.

Note: You can also synchronize your accounts using the Settings menu. For more information, refer to *"Synchronizing Accounts"* on page 179.

Address Book Options

You can access Address Book options while at the main Contacts screen or while in the details screen for a specific entry.

Options in Address Book

- Touch **Contacts** ➔ **More options**.

  The following options are displayed:

  - **Select**: Select one or more contacts to share or delete.
  - **Delete**: Deletes one or more contacts.
  - **Business cards**: Create a contact by taking a picture of a business card and having your device fill in the contact information from it.
  - **Speed dial**: Sets up speed-dialing. For more information, refer to *"Making a Call Using Speed Dial"* on page 66.
  - **Send message or email**: Sends a text message or an email to one or more contacts.

- **Link contacts**: Select contact entries to link together in order to view all contact information for multiple entries for the same or related contacts.
- **Settings**: Displays options phone calls and contacts:
  - **Call**: Configure call settings.
  - **Contacts**: Configure contact settings and information management.
- **Help**: Provides help topics related to the phone and contacts features of the device.

Contact Options

1. Touch **Contacts**.
2. Touch a contact and at the contact's display screen, and then touch **More options**.

   The following options are displayed:

   - **Delete**: Deletes the contact from your Address Book.
   - **Link contacts**: Link this contact with other contacts.
   - **Unlink contacts**: Separates contacts that have been linked. This option only appears if the contact has been linked.
   - **Mark as default**: When you have multiple contacts linked together, you can mark one of them as default (only displays when contact is saved to the device). For more information, refer to *"Marking a Contact Field as Default"* on page 55.
   - **Speed dial**: Assigns this contact to your speed dial list. For more information, refer to *"Making a Call Using Speed Dial"* on page 66.
   - **Share name card**: Sends the contact's information by vCard using a variety of messaging means available on your device.
   - **Send contact information**: Send a human-readable text message of the contact's information.
   - **Add to/Remove from reject list**: Adds or removes the contact from your reject list. If they call while being on the reject list, the call will be sent directly to voice mail.
   - **Add shortcut to home screen**: Places a shortcut for this contact on your Home screen.

Deleting Contact Entries from the Phone

You can delete Phone or SIM entries from your device's memory.

1. Touch **Contacts**.
2. Touch and hold a contact that you want to delete. A selection screen appears.
3. Touch **Delete**.
4. At the **Delete contact** prompt, touch **Delete** to delete the contact or **Cancel** to exit.

Note: If account sync is turned on, deleting contacts that are saved under that account will also delete those contacts from the account.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly call or send messages to group members. There are several default groups that are predefined, which you can use to add your contacts, or you can create new groups.

Creating a New Group

1. Touch **Contacts** ➔ **Groups** ➔ **Create group**.
2. Touch the **Group name** field and use the onscreen keyboard to enter a new group name. Touch **Done** to remove the keyboard.
3. Touch **Add member** to select contacts to add to the group. Select the contacts to add and touch **Done** when finished.
4. Touch **Group ringtone** to choose a ringtone for assignment to this new group. Touch a ringtone to hear how it sounds, then touch **OK**.

   – or –

   Touch **Add** to select a ringtone from your music files.
5. Touch **Group message tone** to choose an alert tone for assignment to this new group, then touch **OK**.
6. Touch **Group vibration pattern** to choose a vibration file for this new group, then touch **OK**.
7. Touch **Save** to save the new contact Group.

Adding Contacts to a Group

1. Touch **Contacts** ➔ **Groups**.
2. Touch a group entry.
3. Touch **Add** to add to a member to the group.
4. Touch contacts to add to the group or touch **Select all**.
5. Touch **Done**.

   The contacts are added to the group.

Removing a Contact from a Group

1. Touch **Contacts** ➔ **Groups**.
2. Touch a group entry.
3. Touch **More options** ➔ **Remove from group**.
4. Touch contacts you want to remove from this group or touch **Select all**.
5. Touch **Done**.

   The contacts are removed from the group.

Editing a Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. Touch **Contacts** ➔ **Groups**.
2. Touch a group entry.
3. Touch **More options** ➔ **Edit group**.
4. Make modifications to the **Group name**, **Group ringtone**, **Group message tone**, or **Group vibration pattern** fields.
5. Touch **Add member** to add more contacts to this group. Touch **Done** to add the members.
6. Touch **Save** to save the edited contact Group.

Deleting a Group

1. Touch **Contacts** ➔ **Groups**.
2. Touch **More options** ➔ **Delete group**.
3. Touch each group that you want to remove or touch **Select all**.
4. Touch **Done**, then choose **Group only** or **Groups and members**, and touch **OK**.

Note: You cannot delete default groups.

Sending a Message to Group Members

Create a new text or email message, addressed to a group's members.

1. Touch **Contacts** ➔ **Groups**.
2. Touch a Group to display it.
3. Touch **More options** ➔ **Send message or email**.
4. Touch either **Message** to send a text message or **Email** to send an email message.
5. Touch contacts to mark them as recipients for the new message or touch **Select all**, and then touch **Done**.

   The new message opens with the marked contacts as recipients. Continue creating the message, as desired. For more information, see *"Creating and Sending Messages"* on page 84, or see *"Email"* on page 90.

Address Book Favorites

Mark contacts with a gold star to identify them as Favorites.

Favorites display on the Favorites tab in the Phone and Contacts apps for fast dialing or messaging, and are indicated by the .

To view your Favorites list:

- Touch **Contacts** ➔ **Favorites**.

Adding Favorites

To add multiple favorites:

1. Touch **Contacts** ➔ **Favorites**.
2. Touch **Add**.
3. Touch contacts to mark them as favorites or touch **Select all**, and then touch **Done**.

   A gold star displays next to the contact in the Address Book.

To mark one contact as a favorite:

1. Touch **Contacts**.
2. Touch the contact.
3. Touch the star in the upper right corner of the contact screen so that it turns gold .

Removing Favorites

1. Touch **Contacts** ➔ **Favorites**.
2. Touch **More options** ➔ **Remove from Favorites**.
3. Touch contacts to mark them for removal or touch **Select all**, and then touch **Done**.

   The gold star no longer displays next to the removed contacts in the Address Book.

Speed Dials

Speed dials are 1-, 2-, or 3-digit shortcuts (1 to 100) that allow you to quickly call contacts from the phone keypad.

For more information about calling using speed dials, see *"Making a Call Using Speed Dial"* on page 66.

Note: Speed dial 1 is reserved for Voicemail by default, and cannot be changed.

Assigning Speed Dials

1. Touch **Contacts**.
2. Touch **More options** ➔ **Speed dial**.

   The list of speed dial numbers and assigned contacts displays.
3. Touch one of the **+ Add contact** fields next to a speed dial number. The contacts list appears.
4. Touch a contact to assign it to the speed dial number.

Removing a Speed Dial

1. Touch **Contacts**.
2. Touch **More options** ➔ **Speed dial**.
3. Touch to remove the contact from the speed dial number.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

1. Touch **Contacts**.
2. Scroll down to and touch **AT&T Service Contacts**.
3. Touch next to a number to dial it.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

Section 4: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

Displaying Your Phone Number

- From a Home screen, touch **Apps** ➔ **Settings** ➔ **About device** ➔ **Status**.

  Your phone number is displayed in the **My phone number** field.

Phone

Use the Phone app to access the phone Keypad, Recent calls, Favorites, and Contacts.

There are several ways to access Phone:

- From a Home screen or **Apps** screen, touch **Phone**.

  – or –

  From a Home screen, touch **Apps** ➔ **Contacts** ➔ **Keypad**.

Making a Call

1. Touch **Phone** and use the onscreen keypad to enter the number you want to dial.
2. Touch **Call** to make the call.

Note: When you activate the **Auto redial** option in the Call settings, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone. For more information, see **Auto redial** on page 80.

Making an International Call

1. Touch **Phone**, then touch and hold 0 +.

   The **+** character appears.
2. Use the onscreen keypad to enter the country code, area code, and phone number.
   - If you make a mistake, touch until the incorrect numbers have been deleted.
3. Touch **Call** to make the call.

Manual Pause Dialing

To manually call a number with pauses without storing them in your Contacts list:

1. Touch **Phone** and use the onscreen keypad to enter the phone number.
2. To add a three-second pause, touch **More options** ➔ **Add 3-sec pause (,)**. Then use the keypad to enter the additional numbers.

   – or –

   Press and hold the **Asterisk** key. Then use the keypad to enter the additional numbers.

Tip: You can create pauses longer than three seconds by entering multiple three second pauses.

3. To add a wait (the dialing sequence is paused until you enter a number to touch a key), touch **More options** ➔ **Add wait (;)** to add a wait.
4. Touch **Call** to make the call.

For more information, refer to *"Adding Pauses to Contact Numbers"* on page 52.

Correcting an Entered Number

Use the following steps to correct a mistyped entry when dialing.

- After entering a number using the keypad:
  - If you make a mistake, touch to erase a single character.
  - Touch and hold to erase the entire string of numbers.

Ending a Call

To end a call:

- Touch **End call**.

Dialing a Recent Number

All incoming, outgoing and missed calls are recorded in the **Call log**. If the number or caller is listed in your Address Book, the associated name is also displayed.

1. Touch **Phone**.
2. Touch **Logs**.

   A list of recent calls displays.
3. Touch the desired Contact to enter the **Details** page, then touch **Call** to make a call.

Making Emergency Calls

If you do not have a SIM card installed the first time you turn on the device, the **No SIM card – Emergency calls only** notification appears on the lock screen. Without a SIM card, you can only make an emergency call with the phone. Normal cell phone service is not available.

Warning! Emergency calls are to be made only when emergency services are required. You can be prosecuted for misusing 911 services.

Making an Emergency Call without a SIM Card

1. Touch **Phone**.
2. Enter 9-1-1 and touch **Call**. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
3. Touch **End call** to exit this calling mode.

Making an Emergency Call with a SIM Card

The Emergency calling mode makes redialing an emergency number a 1-touch process. Before you can resume normal calling operations, you should first exit this mode.

1. Touch **Phone**.
2. Enter the emergency number (example: 9-1-1) and then touch **Call**.
3. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.

Note: This mode can drain your battery power more rapidly than normal calling mode.

Making a Call Using Speed Dial

Speed dial numbers allow you to call contacts by simply dialing a 1-, 2-, or 3- digit number. For details on how to assign speed dial numbers to contacts, see *"Assigning Speed Dials"* on page 61.

To make a call using Speed Dial:

1. Touch **Phone**.
2. Touch **Keypad**, if necessary.
3. From the onscreen keypad, touch and hold the speed dial number.

   If the speed dial number is more than 1 digit long, enter the digits and hold the last digit until the contact is dialed. For example, to dial speed dial number 12, touch 1, then touch and hold 2.

Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the device's memory. These entries are collectively called the **Address Book**.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 53.

Answering a Call

You can answer incoming calls when the device is locked or unlocked. When you receive a call, an incoming call screen displays. The caller's phone number or name is displayed, if stored in the Address Book.

To answer the call:

- Touch and drag in any direction.

To reject the call and send it to your voicemail:

- Touch and drag in any direction.

To reject the call with a message:

- Touch and drag the **Reject call with message** tab upward.
  - Touch a predefined text message to send to the caller.

  – or –

  - Touch **Create new message** to compose a new message.

To end the call:

- Touch **End call**.

Note: You can answer a call while using the Address Book or other functions. After ending the call, the phone returns to the previously active function screen.

Dialing Options

From a Home screen or the Apps menu, you have the option to access the Dialer and initiate a call:

- Touch **Phone** ➔ **Keypad**, if necessary.

From the Dialer and the Contacts screen, the following tabs are located at the top of the screen:

- **Keypad**: Dials the current number entered using the onscreen keypad.
- **Logs**: Displays a list of all dialed, received, and missed calls.
- **Favorites**: Displays your contacts that you have marked as Favorites.
- **Contacts**: Go to your Address Book where you can select a contact to call.

After you enter a phone number, you can save the number as a contact by touching **Add to contacts**.

Call Log

The phone stores the numbers of the calls you have dialed, received, or missed in the Call log. The Call log displays the details of the call.

1. Touch **Phone**.
2. Touch **Logs**.

   A list of recent calls displays. If the number or caller is listed in your Address Book, the associated name displays.

All calls made, received, and missed are listed. Types of calls are identified by the following icons:

Incoming calls

Outgoing calls

Missed calls

Rejected calls

Auto rejected calls

Viewing Missed Calls from the Lock Screen

Calls you have missed display on the Lock screen.

- Touch the missed call number to display the Call log.

  The Call log displays. Missed calls are identified by the icon next to the number.

Note: If there is a voicemail sent by the same number, shortcut icons are displayed and can be selected.

Calling or Messaging a Missed Call

To call back or message a missed call:

1. Touch **Phone** ➔ **Logs**.

   A list of recent calls displays. If the number or caller is in your Address Book, the associated name displays.

2. Swipe the desired missed call to either the right or left to call.

   – or –

   Swipe the desired missed call to the left to write a text message.

   For more information, refer to *"Creating and Sending Messages"* on page 84.

Saving a Recent Call to Your Address Book

1. Touch **Phone** ➔ **Logs**.

   A list of recent calls displays.

2. Touch the call you want to save to your Address Book.

   The call detail page displays.

3. Touch **Create contact** to add the call to your Address Book. The Create contact screen displays.

   – or –

   If you want to replace or add the number to an existing contact, touch **Update existing**.

4. Enter information into the contact fields using the keyboard.

5. Touch **Save** to save when you are finished.

For further details about the **Address Book** feature, see *"Adding a New Contact"* on page 51.

Deleting a Call Log Entry

1. Touch **Phone** ➔ **Logs**.
   A list of recent calls displays.
2. Touch and hold the call you want to delete from the Call log. A selection screen appears.
3. Select the calls you want to delete and touch **Delete**.
4. At the **Delete log** prompt, touch **OK**.
   The call is deleted from the Call log.

Adding a Call to the Reject List

1. Touch **Phone** ➔ **Logs**.
   A list of recent calls displays.
2. Touch and hold the call you want to add to the Reject List.
3. Touch **More options** ➔ **Add to reject list**.
4. At the **Add to reject list** prompt, touch **OK**.
   Future calls from this number will be rejected and sent to your voicemail.

Tip: Once a number has been added to the Reject list, it can be removed by touching and holding the number, then touching **More options** ➔ **Remove from reject list**.

Call Duration

1. Touch **Phone** ➔ **Logs**.
2. Touch **More options** ➔ **Call duration**.
   The following times are displayed for Voice and Data:
   - **Last call**: The length of time for the last call.
   - **Dialed calls**: The total length of time for all calls made.
   - **Received calls**: The total length of time for all calls received.
   - **All calls**: The total length of time for all calls made and received.
3. To reset all times to zero, touch **More options** ➔ **Reset**.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the volume, use the **Volume** keys on the left side of the phone.

- Press the **Up** volume key to increase the volume level and press the **Down** volume key to decrease the volume level.

From a Home screen, you can also adjust the ringer volume using these same keys.

In-Call Options

During an active call there are several functions available by touching a corresponding onscreen button.

- **Add call**: Displays the dialer so you can call another person.
- **Keypad**: Displays the onscreen keypad, where you can enter a number using DTMF (Dual Tone Multi-Frequency).
- **End call**: Terminates the call.
- **Speaker**: Routes the device's audio through either the speaker or through the earpiece.
  - Touch **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line appears under the Speaker button.
  - Touch **Speaker** again to use the device's earpiece (see *"Using the Speakerphone During an Active Call"* on page 74). The green line disappears when Speaker is not activated.
- **Mute/Unmute**: Turns the onboard microphone either on or off.
  - Touch **Mute** during a call to mute the microphone. A green line appears under the Mute button.
  - Touch **Mute** again to unmute the microphone. The green line disappears when Mute is not activated.

- **Bluetooth**: Connects to a Bluetooth headset.
  - Touch **Headset** during a call to activate a Bluetooth headset. A green line appears under the Headset button.
  - Touch **Headset** again to deactivate the Bluetooth headset. The green line disappears when the Headset is not activated.
- Touch **More options** for more options:
  - **Hold**: Places the current active call on hold.
  - **Contacts**: Go to your Contact list.
  - **Memo**: Write a note using the S Memo app.
  - **Messages**: Write a message during a call.
  - **Personalize call sound**: Adjust the call sound quality.
  - **Extra volume**: Enable or disable extra call volume.
  - **Settings**: View and adjust call settings. This is the same menu as **Phone** ➔ **More options** ➔ **Settings** ➔ **Call**.

Personalizing the Call Sound Setting

During a call, it may be necessary to adjust the sound of the incoming call by selecting an audio equalizer setting for the current call.

1. From the call screen, **More options** ➔ **Personalize call sound**.
2. Select an available option. Choose from: Off, Soft sound, Clear sound, Adapt Sound Left, and Adapt Sound right.

Activating Noise Reduction

During a call it may be necessary to activate the noise reduction feature. Activating this feature can improve the quality of your conversation by reducing ambient noise. Noise reduction in on by default.

- To activate or deactivate noise reduction during a call, touch **More options** ➔ **Settings** ➔ **Noise reduction.**

Placing a Call on Hold

You can place the current call on hold at any point during a conversation. You can also make another call while you have a call in progress, if your network supports this service.

1. While on a call, touch **More options** ➔ **Hold**. This action places the current caller on hold.
2. To reactivate this call, touch **Resume call**.

Making a New Call During a Call in Progress

To make a new call while you have a call in progress:

1. Touch **More options** ➔ **Hold**.
2. Touch **Add call** to display the dialer.
3. Enter the new number and touch **Call**.

   Once connected, the active call appears in a large box at the top of your screen and the call on hold appears in a smaller box in the middle of your screen.

Switching Between Calls

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

1. Touch **Swap**.

   The current call (caller #2) is placed on hold and the previous call on hold (caller #1) is then reactivated so that you can continue conversing with that person. The active call appears in a green box.
2. Touch **End call** to end the currently active call.

Ending a Specific Call

To end a specific call:

1. Touch **Swap** until the call you want to end appears in a green box.
2. Touch **End call** to end the specific call.
3. Touch **End call** to end the remaining call.

Answering a Call with a Call in Progress

You can answer another call while you have a call in progress, if you have activated the Call waiting feature. Otherwise, the other call goes to your Voicemail box. For more information, refer to *"Additional Settings"* on page 80.

To answer another call:

1. Touch and slide to the right.
2. Touch **Putting "Name/Number" on hold** to put the first call on hold.

   – or –

   Touch **Ending call with "Name/Number"** to end the first call.
3. To switch between the two calls, touch **Swap**.

   Swap places the current call on hold and then activates the previous call. The active call appears in a green box.
4. Touch Swap again to switch back.

Ending a Call On Hold

To end a call on hold:

1. Touch **End call** to disconnect the active call.

   The call on hold becomes the active call.
2. Touch **End call** to end the remaining call.

3-Way Calling (Multi-Party Calling)

Use the 3-Way or Multi-Party feature to answer a series of incoming calls and place them on hold. If this service is supported by the network, all calls can be joined together. You are notified of an incoming call by a call waiting tone.

Note: The **Merge** option combines all of the calls you have established with your phone (both active and on hold). **Swap** places the current call on hold and then activates the previous call.

This feature joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.

1. To answer the call, touch and slide to the right.
2. To answer the next call, touch and slide to the right.
3. Touch **Putting "Name/Number" on hold** to put the first call on hold.
4. To join the first two callers into a single multi-party call, touch **Merge**.
5. To temporarily leave the conference call, touch **Hold**. To rejoin the conference call, touch **Unhold**.
6. Touch **End call** to end the call.

Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

1. Touch **Speaker**.
   The **Speaker** button now appears as and the speakerphone is activated.
2. Use the **Volume** keys (located on the left side of your device) to adjust the volume.
3. To deactivate the speakerphone, touch **Speaker**.

Switching Off the Microphone (Mute)

You can temporarily switch your device's microphone off, so that the other person cannot hear you.

Example: You want to say something to someone in the room, but do not want the person on the phone to hear what you say.

Muting Your Phone During a Call

To mute your phone during a call:

1. Touch **Mute**.

   The **Mute** button now appears as and Mute is activated.

2. Touch **Mute** to deactivate the Mute function and reactivate the microphone.

Bluetooth Headset

1. Touch **Bluetooth**.
2. The device will scan for your Bluetooth headset. When found, connect to the headset.

   The **Bluetooth** button now appears as and the Bluetooth headset is activated.

3. Touch **Bluetooth** to deactivate the Bluetooth headset and reactivate the device's speaker.

Searching for a Number in Address Book

1. During an active call, touch **More options** then touch **Contacts**.
2. Touch the Address Book entry.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 53.

Call Waiting

The Call Waiting feature can be used to answer an incoming call while you have a call in progress, if this service is supported by the network.

To activate the Call Waiting feature:

- Touch **Phone** ➔ **More options** ➔ **Settings** ➔ **Call** ➔ **Additional settings** ➔ **Call waiting**.

  You are notified of an incoming call by a call waiting tone.

Call Forwarding

To select when to forward incoming calls:

1. Touch **Phone** ➔ **More options** ➔ **Settings** ➔ **Call** ➔ **Additional settings** ➔ **Call forwarding**.
2. Touch one of the following options:
   - **Always forward**: Forwards all voice calls.
   - **Forward when busy**: Forwards voice calls to a designated number instead of your voicemail number, if you are on another phone call.
   - **Forward when unanswered**: Forwards voice calls to a designated number instead of your voicemail number when there is no answer on your phone. You can also select the amount of time that the phone delays before forwarding.
   - **Forward when unreachable**: Forwards voice calls to a designated number instead of your voicemail number when you are not in an area covered by your service provider or when your phone is switched off.

Using Fixed Dialing Numbers

The Fixed Dialing Numbers feature limits the phone numbers that can be dialed to a fixed list.

Turn On FDN

To turn on FDN:

1. Touch **Phone** ➔ **More options** ➔ **Settings** ➔ **Call** ➔ **Additional settings** ➔ **Fixed dialing numbers**.
2. Touch **Turn on FDN**.
3. At the prompt, enter your PIN2 code and touch **OK**.

   FDN is turned on.

Turn Off FDN

To turn off FDN after it has been turned on:

1. Touch **Turn off FDN**.
2. At the prompt, enter your PIN2 code and touch **OK**.
   FDN is turned off.

Important! Not all SIM cards use a PIN2 code. If your SIM card does not, this menu does not display.
The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code could cause the phone to lock. Contact customer service for assistance.

Changing the PIN2 Code

To change the PIN2 code:

1. Touch **Phone** ➔ **More options** ➔ **Settings** ➔ **Call** ➔ **Additional settings** ➔ **Fixed dialing numbers**.
2. Touch **Change PIN2**.
3. At the prompt, enter your old PIN2 code.
4. At the prompt, enter a new PIN2 code.
5. Confirm your PIN2 code.

Managing the FDN List

When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

Note: Before you can manage an FDN list a list must be created.

---

1. Touch **Phone** ➔ **More options** ➔ **Settings** ➔ **Call** ➔ **Additional settings** ➔ **Fixed dialing numbers**.
2. Touch **FDN list**.
3. A list of all existing FDN numbers displays.

Call Settings

To access the Call settings menu:

- From the Home screen, touch **Phone** ➔ **More options** ➔ **Settings** ➔ **Call**.

  – or –

  From a Home screen, touch **Apps** ➔ **Settings** ➔ **Call**.

  The following options are available.

Call Rejection

1. Touch **Auto reject mode** and touch one of the following options:
   - **Off**: Turns Auto reject mode off.
   - **All numbers**: Rejects all calls.
   - **Auto reject numbers**: Rejects all calls in your Reject list.
2. Touch **Auto reject list** and then touch **Add** to manually add numbers to the Reject list.

   Touch **Unknown** to create a check mark and automatically reject all calls that do not send any information, like the phone number.
3. Touch **Set up call rejection messages** to set up text messages for rejected calls.
   - Touch **Add** to manually add a reject message.
   - Touch one of the prewritten messages to send when reject a call. You can edit the message if desired.
   - Touch **Save** to save the rejection message.
   - Touch **Delete** to remove messages.

Answering/Ending Calls

- Touch **Answering/ending calls**.

  The following options are available:
  - **Pressing the Home key**: Accepts incoming calls by pressing the Home key.
  - **Voice control**: Accepts incoming calls by using your voice.
  - **Pressing the Power key**: Press the Power/Lock key to end a call without turning off the screen.

Call-Related Pop-ups

- Touch **Call-related pop-ups** for the following options:
  - **Call notification pop-ups**: Show incoming call notifications as pop-ups if another application is running in full screen mode.
  - **In-call status pop-ups**: Show in-call status information in a pop-up while the call screen is not visible.

Show Caller Information

- Touch **Show caller information** to turn caller history On or Off on your device.

Call Alerts

- Touch **Call alerts** and then touch the following options to create a check mark and activate the features:
  - **Vibrate when answered**: Sets your phone to vibrate when the called party answers the phone.
  - **Call-end vibration**: Sets your phone to vibrate when the call ends.
  - **Call connect tone**: Plays a tone when a call is connected.
  - **Minute minder**: Beeps every minute that you are on a call.
  - **Call end tone**: Plays a tone when a call is ended.
  - **Notify during calls**: Turns on alarm and message notifications during a call.

Call Accessories

- Touch **Call accessories**.

  The following options are available:
  - **Automatic answering**: Automatically answers an incoming call when a headset is detected.
  - **Automatic answering timer**: Configures the time delay before the device automatically accepts the incoming call.
  - **Outgoing call conditions**: Configures whether to make calls when the device is locked or only when it is unlocked.

Additional Settings

- Touch **Additional settings**.

  The following options are available:

  - **Caller ID**: Choose how your Caller ID will be displayed. Select Network default, Hide number, or Show number.
  - **Call forwarding**: Forward your calls to another number.
    - **Always forward**: Forwards all voice calls.
    - **Forward when busy**: Forward voice calls to a designated number instead of your voice mail number, if you are on another phone call.
    - **Forward when unanswered**: Forwards voice calls to a designated number instead of your voicemail number when there is no answer on your phone. You can also select the amount of time that the phone delays before forwarding.
    - **Forward when unreachable**: Forwards voice calls to a designated number instead of your voicemail number when you are not in an area covered by your service provider or when your phone is switched off.
  - **Auto area code**: Automatically adds a specific area code to all outbound calls.
  - **Call waiting**: The network service informs you when someone is trying to reach you during another call. Touch to activate.
  - **Auto redial**: Automatically redials the last number, if the call was either cut off or was unable to connect. Touch to activate.
  - **Fixed dialing numbers**: Restricts outgoing calls to a limited set of phone numbers. For more information, refer to *"Using Fixed Dialing Numbers"* on page 76.
  - **TTY mode**: Touch to enable **TTY mode** and select the appropriate setting for the TTY device to be used.
  - **Hearing aids**: Touch to turn on hearing aid compatibility.

Ringtones and Keypad Tones

- Touch **Ringtones and keypad tones**.

  The following options are available:

  - **Ringtones**: Select a ringtone and touch **OK**.
  - **Vibrations**, Select a vibration type and touch **OK**.
  - **Vibrate when ringing**: Create a check mark, if you want your phone to vibrate when a call is incoming.
  - **Dialing keypad tone**: Create a check mark, if you want tones to play when the keypad is touched.

Personalize Call Sound

Use this option to personalize the sounds you hear during a call with and without earphones.

- Touch **Personalize call sound**.

  The following options are available:

  - **In-call sound EQ**: Touch and select one of the following options: Off, Soft sound, Clear sound, Adapt Sound left, or Adapt Sound right.
  - **Adapt Sound**: Touch this option and follow the onscreen instructions to set up your personal call sound.

Noise Reduction

This option helps to suppress background noise from your side during a call.

- Touch **Noise reduction** to create a check mark and enable the feature.

Voicemail Service

1. Touch **Voicemail service**.

   Voicemail service provided by your carrier is the default.

2. Touch **My carrier** to remove the carrier Voicemail service.

Voicemail Settings

To view or modify your voicemail number:

1. Touch **Voicemail settings**.
2. Touch the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number using the keypad, then touch **OK**.
3. Touch **OK**.

Sound

To set your default ringtone:

1. Touch **Sound**.
2. Touch a ringtone to hear it played.
3. Select a ringtone and touch **OK**.

Vibrate

This option allows you select vibration settings:

- Touch **Vibrate** to create a check mark and activate the Vibrate feature.

Section 5: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your device provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- Email and Gmail Messages
- AT&T Messages
- Google+ Messages
- Hangouts

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as photo, video, audio messages, and so on) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important! When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received. For more information, refer to *"Status Bar Icons"* on page 27.

Creating and Sending Messages

1. From a Home screen, touch **Messages**.

   – or –

   From a Home screen, touch **Apps** ➔ **Messages**.
2. Touch **Compose**.
3. Touch the **Enter recipient** field to manually enter a recipient or touch to select a recipient from your Contacts. You can also select the recipient based on Groups, Favorites, or Logs.
4. If adding a recipient from your Contacts, touch the contact to place a check mark then touch **Done**.

   The contact is placed in the recipient field.

Note: For the Group option, if the number of recipients is 10 or less, all members in the group will be added. You will need to delete any unnecessary members in the list by selecting the trash can icon and deleting unwanted entries.

Note: Enter additional recipients by separating each entry with a semicolon (;) then repeating Steps 3 and 4 of this procedure.

5. Touch the **Enter message** field and use the onscreen keyboard to enter a message.
6. To add more recipients, touch the recipient field.
7. Review your message and touch **Send**.

Note: If you exit a message before you send it, it will be automatically saved as a draft.

Adding Attachments to a Message

To add an attachment to your message, touch **Attach** and select one of the options, such as Image, Take picture, Record Video, and so on.

Message Options

There are different options available for text and multimedia messages. Some are available before composing a message, and others are available while composing a message.

- From a Home screen, touch **Messages.**

Options Before Composing a Message

Before you compose a message, the following icons appear at the top:

- **Search**: Search through all of your messages for a certain word or string of words. Enter a search string in the Messaging Search window then touch on the keyboard. Only appears if there are existing message threads.
- **Compose**: Compose a new message.
- Touch **More options** to see these messaging options:
  - **Select**: Select one or more message threads. Only appears if there are existing message threads.
  - **Delete**: Deletes any message thread. Select the messages to delete and a green check mark appears next to the message. Touch **Delete**. Only appears if there are existing message threads.
  - **Draft messages**: Displays the draft messages folder and its contents.
  - **Locked messages**: Displays the locked messages folder and its contents.
  - **Scheduled messages**: Displays the scheduled messages folder and its contents.
  - **Spam messages**: Displays the spam messages folder and its contents.
  - **Font size**: Sets a default font size for messages.
  - **Settings**: Accesses Messaging settings. For more information, refer to *"Messages Settings"* on page 89.
  - **Help**: Provides help topics on messaging.

Options While Composing a Message

While composing a message, the following options appear on the left for adding items to your message:

- **Attach**: Attach an item to your message, including multimedia (video, photos, audio) and app items (memo, calendar event, map, contacts).
- **Emoticons**: Insert an emoticon into your message. These are different from Smileys in that you can choose from a wide variety of multimedia drawings.

- Touch **More options** to reveal additional messaging options:

Note: Available options will slightly differ between new messages and messages composed within a thread.

  - **Add to contacts**: Adds the recipient to your Contacts list. This option only appears if the recipient is not already in your Contacts list.
  - **View contact**: See information on the recipient. This option only appears if the recipient is in your Contacts list.
  - **Quick responses**: View a list of responses that can be added to your message. Touch a response to add it to your message.
  - **Add recipient**: Add another recipient of your message.
  - **Insert smiley**: Adds emoticons, such as a happy face, to your message.
  - **Preview**: Displays a preview of the message.
  - **Add slide**: Adds a new page to a message.
  - **Remove slide**: Removes a recently added page from a message.
  - **Schedule message**: Assigns the current message for scheduled delivery at a designated time.
  - **Duration**: Duration for slide in seconds.
  - **Layout**: Layout of the message. Choose from Text at top or Text at bottom.
  - **Add to priority senders**: Add the contact to the priority senders list.
  - **Add to spam numbers**: Add the number to the spam list.
  - **Discard**: Deletes the current message.
  - **Font size**: Sets a font size for this message.

Viewing New Received Messages

When you receive a new message, the new message icon displays at the top of the screen.

To view a received message:

- Open the Notification Panel and select the message. For more information, refer to *"Notification Panel"* on page 25.

  – or –

  Touch **Messages** and then touch the new message to view it.

  The selected message displays.

To play a multimedia message:

1. Touch .
2. To pause playback of the multimedia message, touch .

To scroll through the message (if additional text pages have been added):

- Touch the screen and in a single motion, scroll up or down the page.

Message Threads

Sent and received text and photo messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To access message bubble options:

- Touch and hold the message bubble within an active message conversation to display the following options:
  - **Delete**: Deletes any currently selected message bubble from the thread.
  - **View slideshow**: Views a slideshow of the attached photos or videos.
  - **Copy text**: Copies the currently selected message bubble from the thread.
  - **Forward**: Forwards the currently selected message bubble to an external recipient.
  - **Lock/Unlock**: Locks or unlocks the currently selected message bubble from being accidentally deleted.
  - **Save attachment**: Saves attached photos or videos.

- **Copy to SIM**: Copies the currently selected message bubble as a single text message within the SIM card.
- **Share**: Share the message using a variety of messaging apps.
- **View message details**: Displays details for the currently selected message bubble.
- **Report number as spam**: Add the number to the spam list.

Deleting Messages

To delete a single message thread:

1. Touch **Messages**.
2. Touch and hold a message, then touch **Delete**.
3. At the **Delete** prompt, touch **OK** to delete or **Cancel** to cancel.

To delete multiple message threads:

1. Touch **Messages**.
2. Touch **More options** ➔ **Delete**.
3. Touch each message you want to delete or touch **Select all**.

   A check mark displays beside each message selected.
4. Touch **Delete**.
5. At the **Delete all** prompt, touch **OK** to delete or **Cancel** to cancel.

Message Search

You can search through your messages by using the Message Search feature.

1. Touch **Messages**.
2. Touch **Search**.
3. Use the onscreen keyboard to enter a word or phrase to search for, then touch on the keyboard.
4. All messages that contain the search string you entered are displayed.

Messages Settings

To configure the settings for text messages, multimedia messages, Voice mails, and Push messages.

1. Touch **Messages** ➔ **More options** ➔ **Settings**.
2. Options are described on the screen.

   For options with a check box, touch the check box to enter a check mark , which indicates that an option is enabled.

   Touch other options, such as Display, to view the options for the setting.
3. Touch **More options** ➔ **Restore default settings** to restore all Messaging settings to their original state.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Customers may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled.

To disable Imminent Threats and AMBER Alerts, follow the instructions below:

1. Touch **Messages**.
2. Touch **More options** ➔ **Settings** ➔ **Emergency alerts**.
   All alerts are enabled by default (check mark showing).
3. To disable an alert, touch the alert option and remove the check mark.

Email

Email enables you to review and create email using various email services. You can also receive text message alerts when you receive an important email.

To access the Email app:

- From a Home screen, touch **Email**.
  – or –
  From a Home screen, touch **Apps** ➔ **Email**.

Adding an Email Account

To create your first email account:

1. Touch **Email**.
   The Set up account screen displays.
2. Enter your email address in the **Email address** field.
3. Enter your password in the **Password** field.
4. If you want to see your password as it is being typed, touch **Show password** to create a check mark.
5. Touch **Next** or touch **Done** on the keyboard.
   The Account options screen displays.
6. Review and configure the settings.
7. Touch **Next**.
8. Enter a name for this email account (optional).
9. Touch **Done**.

Adding a Corporate Email Account

Use the following procedure to configure your device to synchronize with a corporate email account.

1. Touch **Email**.
   The Set up email screen displays.
2. Enter your email address and password.
3. Touch **Manual setup**.
4. Touch the **Microsoft Exchange ActiveSync** field.
5. Enter all the Exchange server information, Domain, User name, and Password, then touch **Next**.
6. At the **Activation** prompt, touch **OK**.
   The **Account options** screen displays.
7. Enter the desired information in the different fields, then touch **Next**.
8. Enter an Account name for this account (Optional) and touch **Done**.
   Wait for the Inbox to synchronize before use.
9. Touch **More options** → **Settings** to change the account settings.

Adding Additional Email Accounts

To create additional email accounts after setting up your first account, follow these steps:

1. Touch **Email**.

   Your Email screen displays showing your emails from the active account.

2. Touch **More options** ➔ **Settings**.
3. Touch **Manage accounts**.
4. Touch **Add**.
5. Enter the information required to set up another account.

   If you want this account to be the default for sending emails, then check the box next to **Set this account as the default for sending emails**.

   For more information, refer to *"Adding an Email Account"* on page 91.

Switching Between Email Accounts

1. Touch **Email**.

   Your Email screen displays showing your emails from the active account.

2. Touch **Inbox** at the top of the screen.
3. Touch the Email account you would like to view.

   – or –

   Touch **Combined inbox** to display email messages from all accounts.

   The new Email account inbox or Combined inbox displays.

Syncing Email Accounts

Syncing refreshes your device with the account's servers. When you set up an email account, you can choose whether the account syncs in the background or manually.

- Touch **Email** ➔ **Refresh**.

Deleting Email Accounts

To delete an email account from your device:

1. Touch **Email**.
2. Touch **More options** ➔ **Settings** ➔ **Manage accounts**.
3. Touch **Remove account**.
4. Touch each account you want to delete to create a check mark .
5. Touch **Done** and then touch **OK**.

   The selected accounts are removed from your device.

Email Settings

Use the Email Settings to configure your Email preferences.

Note: Available settings depend on the email provider.

1. Touch **Email**.
2. Touch **More options** ➔ **Settings**. The following General Settings display:
   - **Display**: Sets how email is shown in the email list and when you open them.
   - **Default display**: Select what is shown after you have moved or deleted an email message.
   - **Priority sender settings**: Configure the treatment of email messages from senders you mark as being priority.
   - **Spam addresses**: Manage your spam address list.
   - **Delay email sending**: Set a delay for sending email, allowing an opportunity to cancel a sent message.
   - **Split view mode**: Turns on split view on landscape screen.
3. Touch an account to configure specific settings.

   Available options depend on the account.

Gmail

Send and receive email with Gmail, which is Google's web-based email.

To access Gmail:

- From a Home screen, touch **Apps** ➔ **Gmail**.

Setting Up Your Gmail Account

Note: You must sign in to your Gmail account in order to access Gmail.

1. Sign in to your Google account, if you are not already signed in. For more information, refer to *"Creating a New Google Account"* on page 14.
2. Touch **Gmail**.
3. Follow the onscreen instructions.

   The Inbox loads conversations and email.

Refreshing Your Gmail Account

Refresh your account to update your device from the Gmail servers.

1. Touch **Gmail**.
2. Touch **More options** ➔ **Refresh**.

Gmail Settings

Use the Gmail Settings to configure your Gmail preferences.

1. Touch **Gmail**.
2. Touch **Options** ➔ **SETTINGS** for settings.

Tip: Touch **More options** ➔ **Help** for more information.

Composing and Sending Gmail

1. Touch **Gmail**.
2. Touch **Compose**, then touch fields to compose the message.

   While composing a message, touch **More options** for options.
3. Touch **Send** to send this message.

   – or –

   Touch **More options** ➔ **Save draft** to save a draft of this message.

Google+

Stay connected and share life as it happens with Google+ on your device. Join a Hangout, post a photo, or see what friends are sharing while you are on the go.

1. Sign in to your Google account. For more information, refer to *"Setting Up Your Gmail Account"* on page 94.
2. From a Home screen, touch **Apps** ➔ **Google+**.
3. Follow the onscreen instructions to use Google+.
4. Touch **More options** ➔ **Settings** to configure your Google+ preferences.
5. Touch **More options** ➔ **Help** to display additional help information.

   – or –

   Visit www.google.com/mobile/+/ for more information.

Hangouts

Hangouts is a free, web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

1. Log on to your Google account, if you have not already done so. For more information, refer to *"Setting Up Your Gmail Account"* on page 94.
2. From a Home screen, touch **Apps** ➔ **Hangouts**.
3. The first time you access Hangouts, you can enable SMS mode in order to use Hangouts as your default messaging app. If you choose to enable SMS mode, then you must confirm your mobile phone number. Touch **Confirm** to confirm your mobile number. If the number is not correct, touch **Edit Number** to change it.
4. Begin using Hangouts.
5. Touch **More options** ➔ **Help** for more information on using Hangouts.

Section 6: Photos and Videos

This section explains features related to the use of the camera and camcorder on your device. You can take photographs and record video by using the built-in camera functionality. Your 8 megapixel camera produces photos in JPEG format.

Camera

Use your device's built-in camera and camcorder to take photos and record videos.

To access the Camera:

1. From a Home screen, touch **Camera**.

   – or –

   From a Home screen, touch **Apps** ➔ **Camera**.

   If a memory card is inserted, the Storage location pop-up displays.

2. Touch **OK** to change the storage location to memory card for storing photos and videos.

   – or –

   Touch **Cancel** to use the device storage.

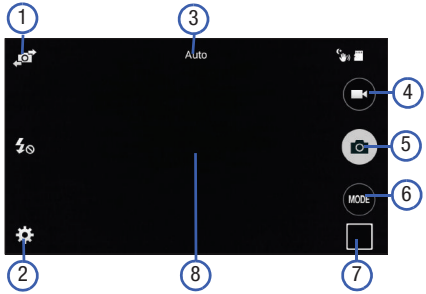
   The Camera screen displays.

Important! Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

Camera Screen

The following items can be found on the Camera screen:

1. Front Facing Camera
2. Quick Settings
3. Current Camera Mode
4. Record Video Button
5. Camera Button
6. Mode Button
7. Image Viewer
8. Viewfinder



Taking Photos

Taking photos with your device's built-in camera is as simple as choosing a subject, pointing the camera, then pressing the camera key.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

To take a photo:

1. Touch **Camera** to activate the camera mode.
2. Using the device's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a photo, you can zoom by using two fingers to make an inward pinch motion on the screen to zoom out, or make an outward motion by sweeping your fingers out to zoom in.

4. If desired, before taking the photo, you can touch onscreen icons to access various camera options and settings.
5. You can also touch the screen to move the focus to the area you touch.
6. Press the Camera button ( ) until the shutter sounds. (The photo is automatically stored within your designated storage location. If no microSD is installed, all photos are stored on the Phone.)
7. While viewing a photo, after you have taken it, pinch the screen outwards to zoom in or pinch the screen inwards to zoom out.

   You can magnify the photo up to four times (400 percent).
8. Touch **Back** to return to the viewfinder.

Camera Modes

There are many different camera modes that you can use to help optimize your photos depending on the conditions and your experience.

1. From the camera viewfinder, touch the Mode button MODE to change the mode to one of the following:
   - **Auto**: Automatically adjusts your camera to optimize color and brightness. This is the default setting.
   - **Beauty face**: Use this to take photos with lightened faces for gentler images.
   - **Shot & more**: Use this mode to take a variety of burst shots. The camera takes a series of shots when the Camera button is pressed. Afterwards, a group of effects options appears for you to determine what you would like to do with the shots. The modes available to you may vary based on the photo content.

Note: Drama shot, Eraser, and Panning shot are only available when using the back camera. Best photo and Best face are available when using the front or back camera.

- **Panorama**: Use this to take wide panoramic photos. Press the Shutter button to take a photo, and then move the camera in any direction. When the blue frame aligns with the preview screen, the camera automatically takes another shot in the panoramic sequence. To stop recording, press the Shutter button again.
- **Virtual tour**: This mode enables you to create a virtual tour of your surroundings. Instructions and a guide circle are provided to help you take photos that are stitched together for the tour.
- **Continuous shot**: Use this to take photos continuously at a rate of 3 per second. You can take up to 30 continuous photos at a time.
- **HDR (Rich tone)**: Use this to take photos with richer colors and contrasts.
- **Manage modes**: Select which shooting modes to display when you tap Modes.
- **Download**: Download additional shooting modes from the Samsung Apps store.

Camera and Camcorder Settings

This section describes the different settings that you can configure on your camera. Not all of the following options are available in both still camera and video camera modes. The available options vary by mode.

- From the viewfinder, touch (**Camera Settings**). The following settings are available:
  - **Picture size**: Select a resolution for photos. Use higher resolution for higher quality. Higher resolution photos take up more memory.
  - **Picture stabilization**: Compensates for camera movement (anti-shake).
  - **Face detection**: Adjusts the camera focus based on face detection technology.
  - **ISO**: Determines how sensitive the light meter is on your digital camera. Choose from Auto, 100, 200, 400, or 800. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.
  - **Metering modes**: Sets how the camera measures or meters the light source: Center-weighted, Matrix, or Spot.

- **Tap to take pics**: Allows you to tap the screen to take a picture.
- **Save as**: Assigns rich tone usage to an image (available in HDR mode only).
- **Video size**: Select a resolution for photos. Use higher resolution for higher quality. Higher resolution photos take up more memory.
- **Recording mode**: Choose whether to limit video size for multimedia text messages. Select either Normal or Limit for MMS.
- **Effects**: Select an effect to apply to pictures or videos that will be taken.
- **Flash**: Set the flash to On (always flash), Off, or Auto (flash only if the light levels require it).
- **Timer**: Use this for delayed shots. You can set the timer to Off, 2 sec, 5 sec, or 10 sec.
- **Location tags**: Attaches a GPS location tag to the photo. To improve GPS signals, avoid recording in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions. Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the location tag setting.
- **Storage location**: Select storage location if a memory card is installed. You can choose between device storage and memory card.
- **Review pics/videos**: View each photo or video immediately after you take it.
- **Remote viewfinder**: Take pictures using the viewfinder of a connected device. A Wi-Fi Direct connection is required.
- **The Volume key**: Assign a function to the volume key. Choose from Take pictures, Record video, or Zoom.
- **Voice control**: Set the camera to take photos with voice commands.
- **Help**: Display Camera information.
- **Reset settings**: Reset the camera settings.

Viewing Your Photos

After you take a photo, you can access various options from the Image Viewer. The Image Viewer uses your Gallery. For more information, refer to *"Gallery"* on page 102.

Camcorder

In addition to taking photos, the camera also doubles as a camcorder that also allows you to record, view, and send videos.

Note: The camera may not be able to properly record videos to a memory card with a slow transfer speed.

Recording Videos

Tip: When recording video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. Touch **Camera** to activate the camera mode.
2. Using the camera's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.
3. Before you record a video, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the video up to four times (400 percent).

   – or –

   Use two fingers to make an inward pinch motion on the screen to zoom out or an outward motion by sweeping your fingers out to zoom in.
4. To start recording, touch **Record**.

   During recording, the **Recording Indicator** flashes.
5. You can touch the screen to move the focus to the area you touch.
6. To capture an image from the video while recording, touch . This feature is not available when the anti-shake feature is activated.
7. To pause recording, touch **Pause.**
8. To stop recording and save the video file to your Camera folder, touch **Stop**.
9. Once the file has been saved, touch the image viewer, then touch to play your video for review.
10. Touch **Back** to return to the viewer.

Viewing Your Videos

After you take a video, you can access various options from the Image Viewer. The Image Viewer uses your Gallery and the Video player. For more information on viewing videos in the Image Viewer, see *"Video"* on page 148.

Gallery

The Gallery can be used to view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a photo message.

To access the Gallery:

1. From a Home screen, touch **Apps** ➔ **Gallery**.
   All of the Albums that hold your photos and videos display with folder name and number of files.
2. Touch an Album.
   Thumbnails of the contents display.

Note: If your device displays that the memory is full when you access Gallery, delete some of the files by using **My Files** or another file management application and try again. For more information, refer to *"My Files"* on page 140.

Viewing Photos

To view photos:

1. Touch a thumbnail to view a single photo.

Note: If no control icons are displayed on the screen in addition to the photo, touch anywhere on the screen to display them.

2. The following options are available at the top of the screen:

   Change player: Select a Wi-Fi device.

   Share via: Share the photo by using AT&T Locker, Bluetooth, Drive, Email, and so on.

   Delete: Delete the photo.

   Camera: Activate the camera.

3. Touch **More options** for additional options.

Editing a Photo

You can edit your photos using the built-in Photo editor application on your device. The photo editor application provides basic editing functions for photos that you take on your device. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the photo.

1. From a Home screen, touch **Apps** ➔ **Gallery**.
2. Select a folder location and touch a file to open it.
3. With the image displayed, touch **More options** ➔ **Edit** to launch the Photo Editor.
4. Touch and hold anywhere on the photo at any time to see the original image before you applied any changes. A **Before** label appears when you are viewing the original image.
5. Touch **More options** to see the following options:
   - **Clipboard**: Opens your device's clipboard.
   - **Share via**: Share the photo using a variety of apps on your device.
   - **Set as**: Set the photo as a wallpaper, screen background, or image for a contact.
6. Use the following editor controls to edit your photo:

Previous: Moves to previous photo project.

Next: Moves to next photo project.

Cancel: Press this button to cancel changes and exit the Photo Editor. You will be asked if you would like to Save or Discard any changes that were made.

Save: Press this button to save the changes made to the photo.

Adjustment: Allows you make physical adjustments to the photo. Includes Rotate, Crop, and Resize options.

Tone: Allows you to adjust color Saturation, Brightness, Contrast, Adjust RGB, Temperature, and Hue of a photo.

Effect: Add various effects to your photo.

Portrait: Allows you to apply various face correction effects such as: Remove red eye, Brighten face, Airbrush, and Out-of-focus.

Decoration: Allows you to place various stickers, stamps, or labels on your photo, as well as add a frame and freehand drawing.

Enhance: Press this button to allow the photo editor to apply tone adjustments for you to enhance the photo.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the photo, touch anywhere on the screen to display them.

1. Touch a video to select it.
2. Touch to play the video.
3. Touch **More options** for additional options.

For video player controls, see *"Video"* on page 148.

Using S Beam to Share Photos

This feature (when activated via NFC) allows you to beam large files directly to another compatible device that is in direct contact. These files can be larger, such as Videos, HD photos, and other large files.You can beam images and videos from your gallery, music files from your Music, and more.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **NFC**.
2. If not already active, touch the **ON/OFF** button to the right of **NFC** to turn the feature ON
3. If S Beam is Off, touch **S Beam**. Then touch the **ON/OFF** button to turn the feature ON
4. On the source device that contains the desired image or video, touch **Apps** ➔ **Gallery**.
5. Locate and touch the selected image to open it in the preview window.

Important! Neither device must be in Lock mode or displaying the Lock screen. They must both be active and unlocked. It is recommended that the target device be on the Home screen.

6. Place the two active NFC-enabled devices back to back to begin.

Note: If the **Touch to beam** screen does not appear on the source device:
- Pull them apart.
- Verify the image is visible in the preview window on the source device (providing the file).
- Place them together again.

7. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.
8. When prompted, separate the two devices. After a few seconds (depending on file size) the recipient with then see the transferred file displayed on their screen.

To share multiple photos using S Beam:

1. On the source device that contains the desired image or video, touch **Apps** ➔ **Gallery**.
2. Locate the selected folder.
3. Touch and hold the first image and place a check mark on it and all desired images.
4. Place the two active NFC-enabled devices back to back to begin.
5. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.
6. When prompted, separate the two devices.
7. The photos are transferred to the other device.

Section 7: Connections

This section describes the various connections your device can make including accessing Wi-Fi, Bluetooth, and Connecting your PC.

Wi-Fi

Wi-Fi (short for “wireless fidelity” and sometimes referred to as wifi) is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Turning Wi-Fi On or Off

Turning Wi-Fi on makes your device able to discover and connect to compatible networks that are in range.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON ON or OFF OFF.

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can cause an added drain to your battery and reduce your use times.

Connect to a Wi-Fi Network

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.

   The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.

2. Touch the network you want to connect to.

Note: When you select an open network, you will be automatically connected to the network.

3. Enter a wireless password, if necessary.

Manually Add a Network Connection

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch **Add Wi-Fi network**, which appears at the bottom of the list of available Wi-Fi networks.
3. Enter the **Network SSID**. This is the name of your Wireless Access Point.
4. Touch the **Security** field and select the security option that matches the security setting of your target network.
5. If secured, you will also need to enter the network's password.
6. Touch **Show advanced options** if you need to add advanced options such as Proxy settings, IP settings, or Key management.
7. Touch **Connect** to store the new information and connect to your target network.

Note: The next time your device connects to a wireless network that is saved, you are not prompted to enter the password again.

Manually Scan for a Wi-Fi Network

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch **More options** ➔ **Scan**.

   All available Wi-Fi networks are displayed.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:

Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).

Displays when there is a Wi-Fi access point available, but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP).

Displays when connected to another device using Wi-Fi Direct. For more information, refer to *"Wi-Fi Direct"* on page 109.

Wi-Fi Advanced Settings

The Advanced Wi-Fi menu can be used to set up many of your device's advanced Wi-Fi services.

To access the Advanced Wi-Fi menu:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch **More options** ➔ **Advanced**.

For more information, refer to *"Advanced Wi-Fi Settings"* on page 155.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

Note: See your service plan for applicable charges for Wi-Fi Direct.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. If it is not already On, touch the **ON/OFF** button to turn Wi-Fi ON

3. Touch **More options** ➔ **Wi-Fi Direct**. The device will automatically scan for other devices with Wi-Fi Direct enabled.
4. Enable Wi-Fi Direct on the other device with which you want to connect.

   The steps on the other device may vary depending on the device. Refer to the documentation for that device.
5. If the other device has not appeared on your device, then touch **Scan** on your device.
6. Once the device you want to connect to displays, touch it.
7. The other device has a limited to touch **Connect** to accept and establish the connection.
8. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the icon will display at the top of your screen.
9. When finished, touch **End connection** to terminate the Wi-Fi Direct connection.

Sharing Information with Connected Device

To share Videos, Photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My Files** folder, then touch the **Share via** option.
2. Touch the **Wi-Fi Direct** option.
3. Touch the connected device name. If not already connected, accept the connection on the other device. If already connected, then touch **Done**.

   The file is transferred and the other device will receive a screen notification that a file has been received.

   If your device receives a file via Wi-Fi Direct, the file can be found in **My Files** ➔ **Device storage** ➔ **Downloads**.

Note: Depending on the other device model, the prompts and shared folder information may differ.

AT&T Smart Wi-Fi

Use AT&T Smart Wi-Fi to maximize your battery performance, maximize your data, simplify access to AT&T Hot Spots and Wi-Fi networks, automate your Wi-Fi connections, and track your data use.

To enable AT&T Smart Wi-Fi:

1. From a Home screen, touch **Apps** ➔ **AT&T Smart Wi-Fi**.
2. When using the **AT&T Smart Wi-Fi** app for the first time, you are prompted to download the app. Touch **Ok** to continue. If you do not wish to use this app, touch **Cancel**. Follow the prompts to download and install the app.
3. Touch **Continue** to use AT&T Smart Wi-Fi or touch **No Thanks** to quit.
4. Read the License Agreement and touch **Accept** to continue.
5. At the Welcome screen, touch **OK**.

6. At the Initial Setting screen, touch **Yes** if you want AT&T Smart Wi-Fi to automatically connect to any hotspot that is available for public use. Otherwise, touch **No**.
7. Follow the onscreen instructions to use AT&T Smart Wi-Fi.

For more information on how to use this application, go to www.att.com/smartwifi.

Bluetooth

Bluetooth is a short-range communications technology that is used to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Bluetooth**.
2. Touch the **ON/OFF** button to turn Bluetooth ON or OFF .

Note: When enabled, the Bluetooth icon displays in the Status Bar.

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

Displays when Bluetooth is active.

Displays when Bluetooth is connected (paired) and communicating with certain devices, such as a headset.

Bluetooth Settings

The Bluetooth settings menu is used to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices

Device Visibility

To access the Bluetooth Settings menu:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Bluetooth**.
2. Touch the **ON/OFF** button to turn Bluetooth ON

.
3. Touch the check box under **My Device** to make your device visible to other Bluetooth devices for two minutes.

   A countdown clock appears to indicate how much time is left before Bluetooth visibility turns off.

Note: Your device must be visible in order to connect to some Bluetooth devices.

To change the length of time before Bluetooth visibility is turned off:

1. From the Bluetooth settings screen, touch **More options** ➔ **Visibility timeout**.
2. Select a length of time that you would like for your device to be visible to other Bluetooth devices. You can choose from 2 minutes, 5 minutes, 1 hour, and Never timeout.

Change Your Device Name

Note: The name that appears for your device in Bluetooth connections is the customizable Device name in Settings. Changing your Device name for Bluetooth connections will also change the name in other areas of your device.

To change the name that appears for your device:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **About device** ➔ **Device name**.
2. Use the keyboard to change your device name and touch **OK**.

Show Received Files

To show received files:

- From the Bluetooth settings screen, touch **More options** ➔ **Received files**.

  A list of all files received via Bluetooth displays.

Scan for Bluetooth Devices

To scan for Bluetooth devices:

1. Verify that Bluetooth is ON .
2. From the Bluetooth settings screen, touch **Scan** to search for other visible Bluetooth devices, such as headsets, phones, printers, and computers.

Pairing Bluetooth Devices

Use the Bluetooth pairing process to establish a trusted connection between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

Note: Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognize their pairing and exchange information without having to re-enter or confirm a passkey.

To pair your device with another Bluetooth device:

1. Verify your Bluetooth is active.
2. Touch **Scan**. Your device will display a list of discovered Bluetooth devices that in range.
3. Touch a device from the list to initiate pairing.
4. Confirm or enter the passkey or PIN code, if needed, and touch **OK**.
5. The other device must also accept the connection and either confirm or enter the passkey or PIN code.

Note: Due to different specifications and features of other Bluetooth devices, display and operations may be different, and functions like transferring or exchanging files may not be possible with all devices.

Rename or Unpair a Paired Device

Unpair a paired device to break the connection with your device, but retain the knowledge of the pairing. At a later point when you want to reconnect the device, there is no need to setup the connection information again.

Note: Disconnections often occur automatically if the paired device goes out of range of your device or it is powered off. Upon reconnection, you may be required to re-enter all the previous pairing information.

1. Verify Bluetooth is active on your device.
2. From the Bluetooth settings screen, touch next to the previously paired device.
   - Touch **Rename** to change the name of the paired device.
   - Touch **Unpair** to disconnect from the paired device.

Sending Contacts with Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send photos, Contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled on both devices, and they must have Bluetooth visibility turned on.

1. Verify your Bluetooth is active.
2. From the Home screen, touch **Contacts**.
3. Touch **More options** → **Select**.
4. Touch each contact that you would like to send via Bluetooth. A green check mark will appear next to each entry you select.
5. Touch **Share**.
6. Touch **Bluetooth**.
7. Select the paired device to send the contact(s) to.

   A Bluetooth share notification will appear in your notifications area.

NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as S Beam and Android Beam. To activate NFC on your device, see *"NFC"* on page 163.

PC Connections

You can connect your device to a PC using your PC data cable using various USB connection modes.

Storage: Use the onboard storage capacity of the device to store and upload files. This option allows your computer to detect the device as a removable storage drive.

Kies: Use Kies to manage music, movies and photos. You can also backup contacts and calendars, download apps and podcasts and automatically upgrade device firmware. Kies conveniently syncs your life across all your devices.

Note: To sync your device to a PC, it is highly recommended that you install Samsung Kies, which is available at samsung.com/us/kies (for Windows or Mac).

Connecting as a Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as a removable disk, separate from the internal memory.

1. Connect the USB cable to the device and connect the cable to the computer. After a few seconds, a pop-up window displays on the PC when connected.
2. On the PC pop-up, click **Open device to view files**.
3. Copy files from the PC to the memory card.

Section 8: Applications

This section contains a description of each application that is available on the Apps screen, its function, and how to navigate through that particular application. If the application is described in another section of this user manual, then a cross reference to that description is provided.

Managing Applications

The Apps screen displays all applications installed on your device, including apps you download and install.

From Apps, you can change the way apps appear on the screen and uninstall apps you have downloaded. When you install new apps, new screens are added to hold them.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens, if it is not there by default. For details, see *"Wallpapers"* on page 36.

Updating Applications

Once you have registered your device (see *"Software Update"* on page 197) and signed into your Google account (see *"Creating a New Google Account"* on page 14), you may see the **Updates Available** notification in the Status Bar if there is a new version of one or more apps available or, when you open an application that is preloaded on your device, an **Update Available** message may be displayed.

To update the applications:

1. Touch the top of the screen and swipe downward.

   The Notification Panel displays.

2. Touch **Updates available**.

For more information, refer to *"Updates to Downloaded Apps"* on page 145.

Uninstalling or Disabling Apps

You can uninstall apps you download and install. Preloaded apps cannot be uninstalled, but they can be disabled.

1. From a Home screen, touch **Apps**.
2. Touch **More options** → **Uninstall**.
3. Apps that can be uninstalled or disabled show on their icon. Touch , to either uninstall or disable the app. Follow the prompts.

Note: Downloaded apps can be installed. Preloaded apps cannot be uninstalled, but they can be disabled.

Customizing the Apps Screens

By default, app icons appear in Grid view. You can change the view to list view.

1. From a Home screen, touch **Apps**.
2. Touch **More options**, and then touch **View as**.
3. Choose an option:
   - **Customizable grid**: The default view, which allows you to touch and hold on apps to move them from screen to screen in Edit mode.
   - **Alphabetical grid**: Icons are arranged in a grid, in A to Z order.

Apps Screen Options

1. From a Home screen, touch **Apps**.
2. Touch **More options** for these options:
   - **Edit**: Edit the Apps screens. If the Apps screen is in **Customizable grid** view, you can rearrange the apps by dragging them to other locations. You can create a new apps folder by touching and holding an app, then dragging it to the **Create folder** icon. You can drag an app to the **App info** icon to view information about this app.
   - **Create folder**: Creates a new folder to organize apps.
   - **View as**: Organizes the Apps screen.
   - **Downloaded apps**: View downloaded apps.
   - **Uninstall/disable apps**: Remove downloaded apps and disable preloaded apps. Touch next to an app you want to remove or disable.
   - **Hide apps**: Select apps that you do not want to see in the Apps screens. Touch an app to select it, and touch **Done** to hide it.
   - **Show disabled apps**: Displays disabled apps. Touch an app to select it, and touch **Done** to enable it.
   - **Show hidden apps**: View apps that you selected to hide. Touch an app to select it, and touch **Done** to return it to the Apps screen.
   - **GALAXY Essentials**: Download apps designed for your GALAXY device that feature useful Samsung services.
   - **Help**: Touch here to view Help topics.

Accessing Applications

To access applications:

1. From a Home screen, touch **Apps**.
2. Locate the application's icon and touch it to launch the application.
3. To return to the main Home screen, press **Home**.

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download from the Google Play Store or elsewhere should be obtained from the application provider directly and not from Samsung.

Amazon Kindle

This application allows you to download books, magazines, and newspapers to read on your device.

- From the Home screen, touch → **Amazon Kindle**.

AT&T FamilyMap

AT&T FamilyMap provides peace of mind because you can use it to conveniently locate a family member on a map from your wireless device. Plus, AT&T FamilyMap is secure and private. Only authorized users have permission to locate your family members.

Note: FamilyMap requires a paid subscription. To sign up for service, visit www.att.com/familymap for more information or contact your AT&T Customer Service Representative.

1. Sign in to your Google account, if you are not already signed in. For more information, refer to *"Creating a New Google Account"* on page 14.
2. Touch **AT&T FamilyMap**.
   The AT&T FamilyMap screen displays.
3. Touch **Get FamilyMap** to update the software.

4. Touch **UPDATE** on the Play Store AT&T FamilyMap screen, and then touch **ACCEPT**.

   The AT&T FamilyMap app is downloaded and installed.

5. At the AT&T FamilyMap Sign In screen, touch **Get Started** to create an account.

   – or –

   Touch **Sign In** if you already have an account.

6. Follow the onscreen instructions.

AT&T Live

The AT&T Live application is your personalized news source. Just open the app, start reading, and your news stream will be tailored to focus on the articles you love.

- Touch **AT&T Live**.

AT&T Locker

Use AT&T Locker to store, share, and sync all of your photos, videos, and documents in one safe, convenient place – the AT&T cloud.

1. Sign in to your Google account, if you are not already signed in. For more information, refer to *"Creating a New Google Account"* on page 14.
2. Touch **AT&T Locker**.
3. At the AT&T Locker home screen, touch **Sign Up** to create an account.

   – or –

   Touch **Log In** if you already have an account.

4. Follow the onscreen instructions to use AT&T Locker.

AT&T Mail

Instantly get your mail anytime, anywhere. Read, respond to, and organize your messages quickly, whether you are at home or on the go.

1. Touch **AT&T Mail**.
2. Sign in or create a new account.
3. Follow the onscreen instructions.

AT&T Mobile Locate

With the AT&T Mobile Locate app you can access the Mobile Protection Pack and with a paid subscription, replace your phone if it is lost or damaged, locate your phone if it is lost, and receive backup and phone support.

Important! In order to take advantage of the AT&T Mobile Locate application, you must purchase the Mobile Protection Pack within 30 days of purchase/activation of a new device. For more information, visit att.com/mpp.

1. Touch **AT&T Mobile Locate**.
2. Follow the onscreen instructions to use AT&T Mobile Locate.

AT&T Navigator

AT&T Navigator provides access to real-time GPS applications. These programs not only allow you to achieve turn-by-turn navigation, but also access local searches.

Important! You must have a data plan to use this feature.

Note: These services require the purchase of a subscription.

To launch the AT&T Navigator application:

1. Touch **AT&T Navigator**.
   The Terms of Service screen displays.
2. Touch **Terms and Conditions**, read the End User License Agreement, touch **Back**, and then touch **I Accept**.
3. Follow the onscreen instructions.

AT&T Ready2Go

AT&T Ready2Go is used to quickly and easily set up your Google, Gmail, and email accounts, import contacts, and configure Wi-Fi.

- Touch **AT&T Ready2Go**.

For more information, refer to *"Setting Up Your Device"* on page 13.

AT&T Smart Wi-Fi

With AT&T Smart Wi-Fi, you can maximize your battery performance, maximize your data, simplify access to AT&T Hot Spots and Wi-Fi networks, automate your Wi-Fi connections, and track your data use.

- Touch **AT&T Smart Wi-Fi**.

For more information, refer to *"AT&T Smart Wi-Fi"* on page 110.

Calculator

The calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems. The Calculator also keeps a history of recent calculations.

1. Touch **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the corresponding onscreen arithmetic function key.
4. Enter the next number.
5. To view the result, touch the = (equals) key.
6. Repeat Steps 2 through 5 as many times as required.
7. Touch C to clear the result.
8. To view calculator history, touch located above the calculator buttons. A history of your past calculations displays.

   To clear the calculator history touch **Clear history**.

   Touch to hide the calculator history.

9. Touch and hold entries in the Calculator's display field to copy or cut the contents of the display.

   Copied to clipboard displays. Paste the copied value in another app.

10. One-handed operation makes it easy to reach all keys with the hand holding the device. To turn on one-handed operation, touch **More options** and select **One-handed operation on**, and then touch the or button to position the Calculator keypad to the left or right side of the screen. Touch **One-handed operation off** to display the default keypad.

Calendar

Your device includes a powerful Calendar to help you organize your schedules more conveniently and effectively. Learn to create and manage events and tasks, and set alarms to remind yourself of important events and tasks.

To access the Calendar:

1. Touch **Calendar**.
2. The following views are available by pressing the **View** button on the left:
   - **Year**: Displays the Year view.
   - **Month**: Displays the Month view.
   - **Month and agenda**: Displays the Month on top half of the screen and events for the selected day on the bottom half.
   - **Week**: Displays the Week view.
   - **Day**: Displays the Day view.
   - **Agenda**: Displays any events for scheduled for the current day.
3. Touch **Add new** to create a new Calendar event.
4. Touch **Today** to display the current date, which is indicated by a blue box.

5. Touch **More options** and select one of the following options:
   - **Go to**: Displays a specific date.
   - **Delete**: Deletes All events, All events before today, or an individual event.
   - **Search**: Searches within your current events.
   - **Calendars**: Displays various information such as My calendars, My task, your linked accounts, and Contact's birthdays.
   - **Settings**: Displays a list of configurable settings.

Caller Name ID

Subscribe to Caller Name ID to identify unknown callers by name, picture, and city and state.

Note: Caller Name ID requires a subscription.

1. Touch **Caller Name ID**.
2. Follow the onscreen instructions.

Camera

Take photos and record video with your device's built in Camera.

- Touch **Camera**.

For more information, refer to *"Camera"* on page 96.

Chrome

The Google Chrome app uses the Google Chrome web browser on your device.

1. Touch **Chrome**.
2. Follow the onscreen instructions.

Clock

Use the Clock application to access alarms, view the World Clock, set a stopwatch, and use a timer.

Alarm

This feature can be used to set an alarm to ring at a specific time.

1. Touch **Clock** ➔ **Alarm** ➔ **Create alarm**.

   The following options display:

   - **Time**: Touch **Up** or **Down** to set the new time for the alarm to sound. Touch **AM** or **PM**.
   - **Alarm repeat**: Sets the repeating status for the alarm by touching on the days that you want the alarm to sound. Touch the **Repeat weekly** check box to have the alarm repeat weekly.
   - **Alarm type**: Sets the way in which the alarm sounds when activated: Melody, Vibration, Vibration and melody, or Briefing.
   - **Alarm tone**: Sets the sound file, which is played when the alarm is activated. Select an option or touch **Add** for additional options.
   - **Alarm volume**: Drag the slider to adjust the alarm's volume.
   - **Snooze**: Use this option to set an Interval (3, 5, 10, 15, or 30 Minutes) and Snooze repeat (1, 2, 3, 5, or 10 Times). Touch the **ON/OFF** button to turn it ON

 to activate.
   - **Smart alarm**: Tracks body movements and calculates the best time for sounding the alarm. Place the device somewhere on your bed then the device's movement sensor (also known as accelerometer) is sensitive enough to work from any part of the bed. Set the Interval and the Tone. Touch the **ON/OFF** button to turn it ON

.
   - **Name**: Use a specific name for the alarm. The name displays when the alarm activates.

2. Touch **Save** to store the alarm details.

Turning Off an Alarm

- To stop an alarm when it sounds, touch and sweep the icon to the right.

Setting the Snooze Feature

- To activate the Snooze feature after an alarm sounds, touch and sweep the icon to the left. Snooze must first be set in the alarm settings. For more information, refer to *"Alarm"* on page 125.

Deleting Alarms

To delete an alarm:

1. Touch **Clock** ➔ **Alarm** ➔ **More options** ➔ **Delete**.
2. Touch the alarm or alarms you want to delete. A green check mark appears next to each selection. Touch **Select all** to select all alarms.
3. Touch **Done** to delete the alarm(s).

World Clock

World Clock displays time in hundreds of different cities for all 24 time zones of the world.

1. Touch **Clock** ➔ **World Clock**.
   A list of the locations you have added displays.
2. Touch to add another city to the list.
3. Scroll through the list of cities to find the city you want to add or touch the Search bar and use the keyboard to enter the name of the city you want to add.

Tip: Touch the first letter of the city's name, to the right of the list, to find the city more quickly.

4. Touch the city.
   The list of your locations displays including the city just added.
5. To set Daylight Savings time, touch **More options**, select the cities to set, and then touch . Select Automatic, Turn off, or Turn on.
   If Daylight Savings Time is active, the DST symbol under the city name.

Deleting a World Clock Entry

1. Touch **Clock** ➔ **World Clock**.
2. Touch **More options** ➔ **Delete** to delete one or more entries.

Stopwatch

You can use this option to measure intervals of time.

1. Touch **Clock** ➔ **Stopwatch**.
2. Touch **Start** to start the stopwatch and touch **Lap** to mark a the time for a lap.
3. Touch **Stop** to stop the stopwatch.
4. Touch **Restart** to continue from stopped time, or touch **Reset** to zero the clock and erase all times recorded.

Timer

You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

1. Touch **Clock** ➔ **Timer**.
2. Touch each field you want to adjust (**Hours**, **Minutes**, **Seconds**) and use the keypad to set the number you want for each field.
3. Touch **Start** to begin the timer.
4. You can touch **Stop** to pause the timer or **Reset** to immediately stop and reset the clock.
5. After stopping, you can touch **Restart** to continue the countdown or touch **Reset** to set the timer back to the original time.

Contacts

You can manage your daily contacts by storing their name and number in your Address Book. Address Book entries can be sorted by name, entry, or group.

You can also synchronize your device's Address Book with AT&T Address Book, the network backup service.

- Touch **Contacts**.

For more information, refer to *"Contacts and Address Book"* on page 50.

DeviceHelp

DeviceHelp provides online information to help with your device questions.

1. Touch **DeviceHelp**.

   The **AT&T Device Help** screen is displayed.

2. Follow the onscreen instructions for accessing helpful information.

Drive

Use the Google Drive app to open, view, rename, and share your Google Docs and files.

1. Touch **Drive**.
2. Sign in to your Google account. For more information, refer to *"Creating a New Google Account"* on page 14.

   A product tour displays the first time you access Drive.
3. Follow the prompts to start the tour.

Tip: Touch **More options** ➔ **Product Tour** to repeat the product tour at any time.

4. Follow the onscreen instructions to use Drive.
5. Touch **More options** ➔ **Settings** to configure your Drive preferences.
6. Touch **More options** ➔ **Help** to display additional help information.

DriveMode

With the AT&T DriveMode application, you can set your device to auto reply when you are driving and do not want to answer the phone. You can set auto reply to Messages, Emails, and Phone Calls. You can also allow up to five of your contacts to contact you while you are in Drive mode.

1. Touch **DriveMode**.

   The **AT&T DriveMode** screen is displayed.
2. Read the Terms and Conditions and Privacy Policy and touch **Continue** to continue.
3. Read the additional information and touch **Next**.
4. Follow the onscreen instructions to set up your AT&T DriveMode options.

Email

Send and receive email using popular email services. You can also receive message alerts when you receive an important email.

- Touch **Email**.

For more information, refer to *"Email"* on page 90.

Flipboard

This application creates a personalized digital magazine out of everything being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.

1. Touch **Flipboard**.
2. Touch **Tap to sign in** to sign into your previously created Flipboard account.

   – or –

   Swipe up on the Flipboard screen, and select the desired category.
3. Touch **Build Your Flipboard** to build your Flipboard.
4. Follow the onscreen instructions to use Flipboard.

For Kids!

Famigo creates a safe and fun mobile environment for your kids by blocking ads, social networking, and unsafe apps. Famigo also provides recommendations for kid-safe apps and content.

- Touch **For Kids!**

Gallery

Use Gallery to view, capture, and manage photos and videos.

- Touch **Gallery**.

For more information, refer to *"Gallery"* on page 102.

Games

Access social a d premium games. Join Game Hub to enjoy free games with your friends.

1. Touch **Games**.
2. Tap a game and follow the onscreen instructions.

Gmail

Send and receive email with Gmail, which is Google's web-based email.

- Touch **Gmail**.

For more information, refer to *"Gmail"* on page 94.

Google

Search the Internet using the Google search engine.

Tip: Google Search appears by default on the main Home screen.

1. From a Home screen, touch **Google**.

   – or –

   Touch **Google**.
2. Use the keyboard to enter search criteria to display matching searches.

   – or –

   Touch and speak the search criteria slowly and clearly. Google searches for the information and displays results.

   Suggestions display below the text entry area.
3. Touch a suggestion to search for that term or touch on the keyboard to start the search.

   A browser window displays the search results.

For more information, refer to *"Google Search Bar"* on page 25.

Google Settings

Use this app to manage your Google settings.

1. Touch **Google Settings**.
2. Follow the onscreen prompts to modify your Google Settings.

Google+

Stay connected and share life as it happens with Google+ on your device. Join a Hangout, post a photo, or see what friends are sharing while you are on the go.

- Touch **Google+**.

For more information, refer to *"Google+"* on page 95.

Hangouts

Hangouts is a free web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

- Touch **Hangouts**.

For more information, refer to *"Hangouts"* on page 95.

Internet

The Internet application is your access to the mobile web. This section explains how to navigate the Internet app and introduces you to the basic features.

To access the Internet app:

- From a Home screen, touch **Internet**.

  – or –

  From a Home screen, touch **Apps** ➔ **Internet**.

  The AT&T/YAHOO! mobile homepage displays.

Navigating with the Internet App

1. To select an item, touch an entry.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.
3. Sweep the screen left to right to move laterally across a web page.
4. When landing on a web page, the address bar, window tabs, and navigation bar will hide to maximize your viewing experience. To see them again, quickly swipe the screen downward.

5. To return to a previous page, touch .
6. To move forward to a web page, touch .

Internet Options

- From any web page, touch **More options** to access your browser options.

Enter a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your device.

To enter a URL and go to a particular website, follow these steps:

1. Touch the **URL** field at the top of your screen.
2. Enter the URL using the onscreen keyboard.
   The website displays.

Search the Internet

To perform a search using keywords, follow these steps:

1. Touch the Search bar at the top of the browser.
2. Enter a search word or phrase using the onscreen keyboard and touch Go.
3. Touch a link to view the website.

Adding and Deleting Windows

You can have multiple Internet windows open at one time. To add a new window, follow these steps:

1. From your browser, touch **More options**.
   A new browser window is opened.
2. If you have multiple browser windows open, each windows has its own tab at the top of the screen. Touch a tab at the top of the web browser to open up that browser window.

Tip: When landing on a web page, the address bar, window tabs, and navigation bar will hide to maximize your viewing experience. To see them again, quickly swipe the screen downward.

3. Touch at the top right corner of a tab to close the window.

Incognito Mode

Use the Incognito feature to view Internet sites outside of normal browsing. Pages viewed in this incognito window do not appear within your browser history or search history, and no traces (such as cookies) are left on your device.

Note: Any downloaded files will be preserved and will stay on your device after you exit Incognito mode.

To add a new Incognito window:

1. From your browser window, touch **More options** ➔ **New incognito tab**.
2. A new browser window displays.

To close an Incognito window:

3. View the window tabs. The Incognito icon appears on a window in Incognito mode.
4. Touch next to the incognito listing to delete this window.

Using Bookmarks

While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites are displayed in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. From the Home webpage, touch (**Bookmarks**). The Bookmarks page displays.
2. Touch **More options** to display the Bookmark options.

Keeper

Keeper is an secure password manager for your device and works seamlessly across your mobile phones, tablets, computers, and web browsers.

1. Touch **Keeper**.
2. The first time you access the Keeper app, read the Terms and Conditions and tap **Agree**.
3. Follow the onscreen instructions to set up your account and use Keeper.

Lookout

Lookout Security™ provides mobile device-specific security features that are coupled with a minimal performance hit. Lookout provides key security options that are unique to the mobile market. Along with the antivirus and anti-malware tech, there's a lost and stolen phone locator service, an application privacy adviser, and a backup service.

1. Touch **Lookout**.
2. Read the onscreen information, then tap **Get started**.
3. Read the onscreen descriptions and activate those desired features. Tap **Next** to progress to the next screen.
4. Tap **New user** or **Existing user**.
5. Create a Lookout account by entering an email address and account password.
6. Re-enter the password and tap **Start Lookout**.
7. Follow the onscreen instructions.

Maps

Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends.

Important! Before using Google Maps you must have an active data connection. The Maps application does not cover all locations.

Note: You must enable location services to use Maps. For more information, refer to *"Location"* on page 159.

Using Maps

1. Touch **Maps**.
   A map will display with your location in the very center.
2. Follow the onscreen instructions to use the Maps application.

Maps Menu

While viewing a map:

- Touch **Options**, in the lower left corner of the screen, for options.

To configure Maps settings:

- Touch **Options** ➔ **Settings**.
  Follow the onscreen instructions.

For more information touch **Options** ➔ **Help**.

Memo

The Memo application can be used to create memos using the keyboard, your finger, or both. You can add images, voice recordings, and text all in one place.

Creating a New Memo

1. Touch **Memo**.
2. Touch an existing Memo to open it then touch the screen to enter edit mode.
   – or –
   Touch to start a new memo in text mode with the keyboard displayed.

Memo Options

On the Main page:

- Press **More options** for the following options: Select, Delete, and Account.

While viewing a Memo:

- Press **More options** for the following options: Delete, Share via, and Print.

Messages

You can send and receive different types of messages.

- Touch **Messages**.

For more information, refer to *"Messaging"* on page 83.

Mobile Hotspot

Use Mobile Hotspot to share your device's mobile data connection by way of USB or as a portable Wi-Fi hotspot.

- Touch **Mobile Hotspot**.

For more information, refer to *"NFC"* on page 163.

Mobile TV

Mobile TV is a subscription service that allows you to watch your favorite TV shows using your handset.

Note: This feature requires a paid subscription. See your AT&T Customer Service Representative for more information.

1. Touch **Mobile TV**.
2. Read the **7 day Trial for Mobile TV** screen and tap **Accept & Start Trial** to continue or **Exit** to exit.
3. The Mobile TV main page displays. Follow the onscreen instructions to watch TV.

Note: Mobile TV will use a large amount of data and you are responsible for all data charges. It is strongly recommended that you upgrade to a large data plan in addition to this purchase.

Music

Music is an application that can play music files. Music supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launch Music to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Touch a library category (Playlists, Tracks, Albums, Artists, Folders, Devices) to view the available music files.
3. Scroll through the list of songs and touch an entry to begin playback.
4. The following Music controls are available:

Streams the current music file to another device via Samsung Link.

Volume control and SoundAlive.

Volume control showing volume muted.

Shuffles the current list of songs randomly.

Songs play in order and are not shuffled.

Assign the current song as a Favorite.

Plays the entire song list once.

Replays the current list when the list ends.

Repeats the currently playing song.

Touch and hold to rewind the song. Touch to go to previous song.

Pause the song.

Start the song after pausing.

Touch and hold to fast-forward the song. Touch to go to next song.

Lists the current playlist songs.

Create a new playlist and add the current song.

Music Options

To access additional options, follow these steps:

1. Touch **Music**.
2. Touch **More options**.

   The following options are available before you play music:

Note: The following options may or may not appear depending on whether or not music is actually playing. Also, options will be different if the song you are listening to is in a playlist.

- **Create playlist**: Create a new playlist.
- **Select**: Select playlists to edit, tracks to add to playlists or to delete, and so on.
- **Delete**: Delete the music file.
- **Listen via Bluetooth**: Scan for devices and pair with a Bluetooth headset.
- **View as**: Display items in a list or as thumbnails.
- **Music square**: Create a playlist based on mood.
- **Settings**: The Music Settings menu allows you to set preferences for the Music app.
  - **Tabs**: Select which categories you want to display. Touch each item that you want to display in the Music player.
  - **Playlists**: Select the auto playlists you want to display in the Music player.
  - **SoundAlive**: Set a type of equalization such as Normal, Pop, Rock, Jazz, Classic, and so on.
  - **Adapt Sound**: Set Adapt sound on when your are listening with earphones to alert of incoming calls and notifications.
  - **Play speed**: Set the play speed anywhere between 0.5X and 2.0X using the slider.
  - **Music auto off**: When activated, music will automatically turn off after a set interval.

– **Lyrics**: When activated, displays lyrics when available.

– **Smart volume**: Automatically adjusts each track's volume to an equal level.

- **Details**: View details about the current track.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the device's Music options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the device.

Creating a Playlist

1. Touch **Music**.
2. Touch the **Playlists** tab.
3. Touch **Create playlist**.
4. Type a name for the playlist in the field and touch **OK**.
5. Add music to the playlist.

Adding Music to a Playlist

To add music files to the playlist:

1. Touch **Music**.
2. Touch the **Playlists** tab.
3. Touch the playlist name to which you want to add music.
4. Touch + to add tracks.
5. Touch the check box to the left of each track you want to add to this playlist. Touch **Select all** to add all the music tracks to this playlist.
6. Touch **Done**.

Removing Music from a Playlist

To remove music files from a playlist:

1. Touch **Music**.
2. Touch the **Playlists** tab.
3. Touch the playlist name from which you want to delete music.
4. Touch **More options** ➔ **Remove**.
5. Touch the check box to the left of each track you want to remove from this playlist. Touch **Select all** to remove all the music tracks from this playlist.
6. Touch **Done**.

Editing a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:

1. Touch **Music**.
2. Touch **Playlists**.
3. Touch **More options** ➔ **Select**.
4. Touch a playlist name to edit and touch **Edit**.
5. Enter a new name for the playlist then touch **OK**.

My Files

Manage your sounds, images, videos, Bluetooth files, Android files, and memory card data in one convenient location.

1. Touch **My Files** ➔ **Device storage** to see the contents of the device's storage space.

Note: Different folders may appear depending on how your device is configured.

2. If you have an external SD card installed, touch **SD card** to see the contents of the microSD card.
3. Touch a folder and scroll down or up until you locate a file.

Note: You may have to touch one or more subfolders before you find any files.

4. If the file is associated with an application, touch a file to launch it in the associated application.

5. While browsing files, use these controls:

Home: Displays the root directory.

Search: Search for a file or folder.

More options: Displays the following options:

- **Select**: Lists files and folders that contain the keywords you enter with the onscreen keyboard.
- **Delete**: Delete files or folders.
- **Create folder**: Creates a new folder.
- **View as**: Set how you want to view files and folders.
- **Sort by**: Set the order in which you want to view files and folders.
- **Add shortcut**: Add a shortcut to the current directory location on either the My Files screen or a Home screen.
- **Settings**: Manages My Files settings.

6. To view a photo file:
   - Touch the file.

   The Gallery app is used to open the photo. For more information, refer to *"Viewing Photos"* on page 102.
7. To view a video file:
   - Touch the file.

   The Video Player is launched and plays the video. For more information, refer to *"Video"* on page 148.

myAT&T

Use myAT&T to manage your own AT&T account. You can review and pay your bill, check minutes and data usage, upgrade to a new device, or change your rate plan.

Initial Setup

The first time you use myAT&T, you must download the updated application from the Play Store. For more information, refer to *"Play Store"* on page 145.

1. Touch **myAT&T**.
2. Touch **Install Now** to go to the Google Play Store.

   If you have not signed in to your Google Account, the Add a Google Account screen displays. Follow the on-screen instructions. For more information, refer to *"Creating a New Google Account"* on page 14.

   After signing into your Google Account, the Play Store displays the **myAT&T** application.
3. Touch **UPDATE → ACCEPT**.

   The updated myAT&T app downloads to your device.
4. When the app successfully downloads, touch **OPEN**.

   – or –

   Touch **Back** to return to the Apps screen.

Using myAT&T

1. Touch **myAT&T**.

   The End User License Agreement for myAT&T Application screen displays.
2. Read the agreement and touch **Accept** to continue.
3. Enter your **User ID** and **Password,** using the onscreen keyboard, and touch **Log in**.
4. Follow the onscreen instructions.

Phone

Use the Phone application to access the dialer keypad, call logs, and favorites.

- Touch **Phone**.

For more information, refer to *"Call Functions"* on page 63.

Photos

Use this application to view and share images or videos via Google's social network services.

1. Touch **Photos**.

Note: This application may not be available depending on the region or service provider.

2. Select one of the following categories:
   - **ALL**: View all the images or videos that are taken or downloaded to the device.
   - **HIGHLIGHTS**: View images or videos grouped by date or album. Touch to view all of the images or videos in the group.
3. Select an image or video.
4. While viewing the image or video, use one of the following options:
   - : Modify the image.
   - : Share the image or video with others.
   - : Delete the image or video.

Play Books

Use the Play Books app to read eBooks from the Internet-based Google Play Books service. Google eBooks is a new way to discover, buy, and enjoy your favorite books online and offline.

- Touch **Play Books**.

  The Google Play Books main screen displays.

Note: You may be asked to create or sign on to your Google account. For more information, refer to *"Creating a New Google Account"* on page 14.

Play Games

Use this application to download and play games.

- Touch **Play Games**.

Play Movies & TV

With Google Play Movies & TV, you can rent thousands of different movies and television shows. You can watch instantly, or download your movie or show for offline viewing at a later time.

1. Touch **Play Movies & TV**.
2. Log on to your Google account, if you have not already done so.
3. Following the onscreen instructions for renting and viewing movies and TV shows.

Play Music

With Google Play Music, you can play music you have downloaded and music you have copied from your computer. While offline, you can listen to music you have copied from your PC.

- Touch **Play Music**.

  The Google Play Music screen displays.

Play Newsstand

Subscribe to your favorite magazines so you can have them available to read on your device at your leisure.

Visit play.google.com/store/newsstand to learn more.

Note: This app requires a Google Account.

- Touch **Play Newsstand**.

Play Store

Google Play Store provides access to downloadable applications and games to install on your device. Also, you can provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

Note: Before using the Play Store you must have a Google Account. For more information, refer to *"Creating a New Google Account"* on page 14.

1. Touch **Play Store**.
2. Sign in to your Google account.
3. The first time you sign in, the Play Store Terms of Service will be displayed. Touch **Accept** to continue or **Decline** to exit.
4. Touch **APPS**, **GAMES**, **MOVIES & TV**, **MUSIC**, **BOOKS**, or **NEWSSTAND** to download or purchase games, applications, and so on. You can also download updates to existing applications.
5. Follow on the onscreen instructions.

Updates to Downloaded Apps

You can check for new versions of applications by visiting the Google Play Store. Items that have a new version available will say **Update**.

You can also select apps that you would like to be updated automatically. To do this:

1. Touch **Play Store**.
2. Touch **Options** ➔ **My apps**.
3. Touch the **INSTALLED** tab to list the Play Store apps installed on your device.

   UPDATE displays if there is an update available for the app.
4. Touch **UPDATE ALL** to update all your apps.
5. Touch an app and then touch **OPEN** to open the app on your device.

   – or –

   Touch **UPDATE** to immediately update the app on your device.
6. Touch an app and then touch **More options** ➔ **Auto-update** to enable automatic updating.

S Voice

With the S Voice application you can use your voice to perform operations that you would normally have to do by hand such as dialing a phone number, texting a message, playing music, and so on.

1. Touch **S Voice**.
2. Read the Samsung Disclaimer, touch the **I agree** box, and then touch **Next** to continue.
3. Choose whether you want to start using S Voice without help (touch **Start S Voice**), or if you want to take the tutorial (touch **Tutorial**).
4. At the S Voice screen, touch or say "Hi Galaxy" to wake up S voice.
5. Speak into the device and follow the onscreen instructions.
6. Touch **More options** for Settings.

Samsung Apps

With Samsung Apps, you can download hundreds of applications from a variety of categories.

Note: To use this feature to download applications, you must have a Samsung account. For more information, refer to *"Signing In to Your Samsung Account"* on page 180.

1. Touch **Samsung Apps**.
   The DISCLAIMER screen displays.
2. Read the Terms and conditions and the Privacy policy and touch **Accept**.
3. Touch an application that you would like, then follow the onscreen instructions to download.
4. Touch **More options** ➔ **Help** for additional information.

Settings

Configure your device to your preferences. It includes such settings as: display, security, memory, and any extra settings associated with your device.

- Touch **Settings**.

For more information, refer to *"Settings"* on page 153.

Studio

Use Studio editing tools to add effects to photos and edit movies in the Gallery.

1. Touch **Studio**.

   The following Studios are displayed:

   - Photo Studio
   - Collage Studio
   - Shot & more
   - Video trimmer

2. Touch a Studio and follow the onscreen instructions.

Uber

An entirely new and modern way to travel is at your fingertips. Uber is your private driver in more than 130 cities and 30 countries.

- Request a ride using the Uber app and get picked up within minutes.
- Compare rates for different Uber options and get fare quotes in the app. Pay with Google Wallet, PayPal, or a credit card.
- Easily set your pickup location on the map and check the progress of your Uber at any time.
- Receive an email receipt when you arrive at your destination.

To get started:

1. Touch **Uber**.
2. Sign into your Google Account, if you have not already done so. For more information, refer to *"Creating a New Google Account"* on page 14.

   The first time you access Uber, you will be taken to the Play Store.

3. Touch **UPDATE**.
4. Touch **ACCEPT**.
5. After the app is downloaded, touch **OPEN** to access the feature.
6. Follow the onscreen instructions to use Uber.

Usage Manager

This app is a shortcut to your Data usage settings so you can manage your data.

- Touch **Usage Manager**.

For more information, refer to *"Data Usage"* on page 158.

Video

The Video application plays video files stored on your device or microSD card.

1. From a Home screen, touch **Apps** ➔ **Video**.
   All videos that you have on your device and memory card display.
2. Touch the video that you want to play.
   The video will begin to play.

The following video controls are available:

Streams the current video file to another device via Samsung Link.

Volume control.

Volume control showing volume muted.

Full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.

Full-screen view. The entire screen is used, which may cause some minor distortion.

Original size view. The video will be played in its original size.

Stretch to fit. The video is enlarged to fit the screen without becoming distorted.

Touch and hold to rewind the video. Touch to go to previous video.

Pause the video.

Start the video after being paused.

Touch and hold to fast-forward the video. Touch to go to next video.

Play a video as a small pop-up while viewing another screen. Touch and drag the pop-up video to the desired location on the screen. Double tap the pop-up to return to full screen mode.

Note: The screen view icons are a four-way toggle. The icon that is shown is the mode that will display after the icon is touched.

Visual Voicemail

Use AT&T Visual Voicemail to:

- Review and manage your voicemail messages directly from your phone without dialing into voicemail.
- See a list of your messages on your phone and select, in any order you choose, which ones you want to play, call back, share, delete, or save.

To get started:

1. Touch **Visual Voicemail**.
2. Read the onscreen instructions and touch **Start**.

Voice Recorder

Record your voice or other sounds, and share recordings by using Bluetooth, Messaging, Gmail, and so on. Recording time varies based on the available memory within the device.

1. Touch **Voice recorder**.
2. To start recording, touch **Record** and speak into the microphone.
3. During the recording process you can either touch **Stop** to stop and save the recording or **Pause** to temporarily halt the recording. After pausing, touch **Record** to resume recording. Once the audio recording has stopped, the message is automatically saved. Touch **Cancel** to cancel the recording without saving.
4. Touch **Recorded files** to display a list of all your voice recordings. Touch a voice recording to play it.
5. Touch **Select mode** to select the recording quality. Choose either **Normal** or **Voice memo** quality recording.
6. Touch **More options** for additional options.

Voice Search

The Google Voice Search application can be used to search the web using only your voice.

1. Touch **Voice Search**.
2. When the Google Voice Search screen displays, speak the word or words that you would like to search for on the Internet.
3. If the timer expires and the mic icon changes from red to gray, touch the mic icon and speak the word or words that you would like to search for on the Internet. Results are displayed on your device.
4. Examples display at the bottom of the screen. Touch **Show another example** to display additional examples.
5. Touch **More options** at the very bottom for options.
   - To configure Voice Search settings, touch **Settings** and follow the onscreen instructions.
   - To send feedback via email, touch **Send feedback**.
   - For more information, touch **Help**.

Wallet

Isis Mobile Wallet uses NFC technology to let you pay for purchases with just a tap of your device. The Wallet holds credit, debit, and loyalty cards while organizing offers, deals, and promotions. Isis helps you manage your spending by showing you card balances and recent purchases for most of the cards in your Wallet.

1. Make sure NFC is activated on your device. For more information, refer to *"NFC"* on page 115.
2. Touch **Wallet**.

Note: Isis Mobile Wallet requires a special SIM card. See your AT&T Customer Service representative for more information.

3. If you have not acquired your enhanced SIM card, touch **LEARN MORE** to learn more about Isis Mobile Wallet.
4. Follow the onscreen instructions to use Isis Mobile Wallet.

YouTube

YouTube is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts and other original videos.

Note: YouTube is a data-intensive feature. It is recommended that you upgrade to a large data plan to avoid additional data charges. Preloading YouTube videos uses some of your device's storage space and may result in additional charges if your Wi-Fi plan is limited.

1. Touch **YouTube**.
2. Touch the search field to search for specific videos, scroll down to browse through the main page thumbnails, or scroll to the bottom to explore additional options.
3. To view a video, touch an available preview thumbnail or touch the title link.
4. Touch **More options** for additional options.

YP

The Yellowpages Mobile (YP) application provides quick and ready access to businesses, map locations, and storage of your favorite searches. Use YP to tap into local businesses, locations, and events, and connect to your search in real-time.

1. Touch **YP**.

   The YP welcome screen displays.

2. Touch **Take a Tour!** to view YPmobile information.

   – or –

   Touch **Skip**.

   The YP sign up screen displays.

3. Touch **facebook**, **Sign Up With Email**, or **Sign in**, if you already have an account.

   – or –

   Touch **Skip to Home**, if you would rather not sign in.

4. Your location is found using GPS. Touch **Please select a location** to set up your current location.

5. Touch the **What do you want to find?** field, use the on-screen keyboard to enter your search value, and touch on the keyboard to search.

   – or –

   Touch one of the displayed shortcuts (Gas Prices, Restaurants). Touch **More Nearby** for even more shortcuts.

   Results display.

6. Touch **Add New** to create a new shortcut.

   Touch one or more categories to check (add) or uncheck (remove) them.

7. Touch **More options** to display additional options.

Section 9: Settings

This section explains the settings used for customizing your device. If settings are described in another section of this user manual, then a cross reference to that description is provided.

- Some options use an **ON/OFF** button to turn the option on or off .
- For some options, you must touch a field, such as **Email address**, to display and set options.
- Some options are enabled or disabled by touching a check box. When enabled, a check mark displays. Tap the check mark to remove it and disable the option.

How To Use Settings

Accessing Settings

- From a Home screen, touch **Apps** ➔ **Settings**.

  – or –

  From any screen, touch the top of the screen and swipe downward, to display the Notification Panel, and then touch **Settings**.

  The Settings screen displays.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Setting search feature.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **Search**.
   - Enter a word or words in the Search box. As you type, settings that match will appear on the screen.
   - Touch an entry to go to that setting.

Change How Settings Are Listed

Settings can be listed in a grid view (default), a list view, or a tab view.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More options** ➔ **View as**.
3. Select a view.

Customize the Quick Settings Menu

Quick settings are the settings that you are most likely to frequently use. When you first access the Settings menu, the Quick setting menu has not been defined.

Creating the Quick Settings Menu

You can set up the Quick settings menu to include your most frequently used settings.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Touch **More options** ➔ **Edit quick settings**.
   - Select settings to appear in your Quick settings menu. Settings that are already in the Quick settings menu are checked.
   - Uncheck a highlighted item to remove it.
3. Touch **Done** to save your new Quick settings menu.

   A Quick settings tab displays.

Wi-Fi

This section describes the Wi-Fi settings. For information on how to use Wi-Fi, see *"Wi-Fi"* on page 106.

Activating Wi-Fi

1. From the **Settings** screen, touch **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi on.
3. Touch **More options** ➔ **Scan** to scan for available Wi-Fi networks. For more information, refer to *"Connect to a Wi-Fi Network"* on page 107.

Advanced Wi-Fi Settings

The advanced Wi-Fi settings allow you to set up and manage wireless access points.

1. From the **Settings** screen, touch **Wi-Fi**.
2. Touch **Smart network switch** to automatically switch between Wi-Fi and mobile networks to maintain a stable Internet connection.
3. Touch **More options** ➔ **Advanced**.

   The following options are available:

   - **Network notification**: Alerts you when a new WAP is available.
   - **Passpoint**: Connects to passpoint-enabled Wi-Fi Access Points automatically. Touch the check box to create a check mark and activate the feature.
   - **Sort by**: Sorts Wi-Fi networks by alphabet or RSSI (received signal strength indicator).
   - **Keep Wi-Fi on during sleep**: Specifies when to disconnect from Wi-Fi.
   - **Always allow scanning**: Allows Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
   - **Auto connect**: Automatically connects to an AT&T Wi-Fi Hotspot as soon as your device detects it.
   - **Install certificates**: Installs authentication certificates.
   - **MAC address**: Views your device's MAC address, required when connecting to some secured networks (not configurable).
   - **IP address**: Views your device's IP address.

Activating Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

1. From the **Settings** screen, touch **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi on.
3. Touch **More options** ➔ **Wi-Fi Direct**.

   For more information, refer to *"Wi-Fi Direct"* on page 109.

Bluetooth

In this menu you can activate Bluetooth, view or assign a device name, activate your device so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

1. From the **Settings** screen, touch **Bluetooth**.
2. Touch the **ON/OFF** button to turn Bluetooth on.

Note: When enabled, the Bluetooth icon displays in the Status Bar.

Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

1. From the **Settings** screen, touch **Bluetooth**.
2. Touch **Scan** to scan for nearby discoverable devices.
3. After searching, touch a device to pair with it. For more information, refer to *"Pairing Bluetooth Devices"* on page 113.
4. Touch **More options** and select a Bluetooth setting to configure:
   - **Visibility timeout**: Use this setting to control when to automatically turn off the Discoverable option: 2 minutes, 5 minutes, 1 hour, or Never time out.
   - **Received files**: Shows the list of files received by using Bluetooth.
   - **Rename device**: Changes the name of your device.
   - **Help**: View Help topics for Bluetooth.
5. If you want your device to be visible to other Bluetooth devices, touch the check box next to **Galaxy Mega2** to place a check mark.

Tethering and Mobile Hotspot

Use this option to share your device's mobile data connection with a Mobile Hotspot or USB tethering.

Mobile Hotspot

Note: To enable Mobile Hotspot on your device, dial 611 or go to att.com/mywireless to set up the service.

1. From a Home screen, touch **Apps** ➔ **Mobile Hotspot**.

   – or –

   From the **Settings** screen, touch **Tethering and Mobile hotspot** ➔ **Mobile Hotspot**.

   The Mobile Hotspot screen displays.
2. Touch the **ON/OFF** button at the top of the screen to turn Mobile Hotspot on.

Note: When enabled, the Mobile Hotspot icon displays in the Status Bar.

3. Follow the onscreen instructions to use Mobile Hotspot.

USB Tethering

Note: To enable USB tethering on your device, dial 611 or go to att.com/mywireless to set up the service.

1. From the **Settings** screen, touch **Tethering and Mobile hotspot**.
2. Connect your device to your PC using a USB cable.
3. Touch **USB tethering** to add a check mark and activate the feature.

Note: When enabled, the USB tethering icon displays in the Status Bar.

4. Follow the onscreen instructions to use USB tethering.

Help

- From the **Tethering and Wi-Fi hotspot** menu, touch **More options** ➔ **Help** for additional information.

Airplane Mode

Use Airplane mode when you are in an airplane or any other area where making or receiving calls or data is prohibited. When Airplane mode is active, you can still use many of your device's features, such as Camera, Games, and more.

Important! When your device is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

- To activate, press and hold the **Power** button, and then touch **Airplane mode**.

  – or –

  From a Home screen, touch the top of the screen and swipe downward to display the Notification Panel. Touch to display additional options and then touch **Airplane mode**.

  – or –

  From the **Settings** screen touch **Airplane mode**, then touch the **ON/OFF** button to turn Airplane mode on.

Data Usage

From this screen you can view your Mobile data usage and turn your Mobile data capability On or Off.

1. From the **Settings** screen, touch **Data usage**.
2. Touch **Mobile data** to create a check mark and turn Mobile data usage on.
3. Touch **Set mobile data limit** to place a check mark and allow a data limit to be set.
4. Touch and drag the red limit bar up or down to the desired GB limit.
5. Touch the **Data usage cycle** dropdown menu and select a date.

   The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of how much data was used per application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

6. Touch **More options** to display additional options:
   - **Data roaming**: Enables data roaming on your device.
   - **Restrict background data**: Restricts some apps and services from working unless you are connected to a Wi-Fi network.
   - **Auto sync data**: Sets your accounts to automatically sync.
   - **Show Wi-Fi usage**: Displays a Wi-Fi tab that shows Wi-Fi usage.
   - **Mobile hotspots**: Displays available mobile hotspots.

Note: When enabled, the Airplane mode icon displays in the Status Bar.

Location

You must enable location services on your device for apps, such as Google Maps, to use your location.

Note: Some apps may require one or more location services be turned on for full functionality.

1. From the **Settings** screen, touch **Location**.
2. Touch the **ON/OFF** button to turn Location services on.
3. Touch **Mode** to select how your location is determined:
   - **High accuracy**: Uses GPS, Wi-Fi, and mobile networks.
   - **Power saving**: Uses Wi-Fi and mobile networks (no GPS).
   - **GPS only**: Uses GPS only.
4. Apps that have requested your location are listed under **Recent location requests**. Touch an entry to view its settings.

Location Services

Google uses Location Reporting to store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

To manage your Location Reporting settings:

1. From the **Settings** screen, touch **Location**.
2. Touch **Google Location Reporting** for options:
   - **Location Reporting**: Allow Google apps to use your device's most recent location data. Touch the **ON/OFF** button to turn Location Reporting on.
   - **Location History**: Allow Google to store a history of your location data. Touch the **ON/OFF** button to turn Location History on. Touch **DELETE LOCATION HISTORY** to permanently delete your location history.
   - Touch **More options** ➔ **Help** for more information.

My Places

You can save your favorite locations for use with services that require location information. This information can improve your search results and other location-related activities.

1. From the **Settings** screen, touch **Location**.
2. Touch **My places**.
3. Touch a category (Home, Work, or Car) to add a location:
   - Touch **Select method** to select how your location is determined for that particular place.
   - Touch **Save**.
4. Touch **Add** to add additional categories.
5. Touch **More options** ➔ **Delete** to delete a custom category.

Note: Home, Work, and Car cannot be deleted.

More Networks

This option displays additional Connectivity information.

- From the **Settings** screen, touch **More networks**. The following options display:

Default Messaging App

This option allows you to set the default messaging app that you can use to send all of your messages. Options depend on the messaging apps available on your device.

Mobile Networks

Before you use applications such as Google Maps and find your location or search for places of interest, you must enable the Mobile networks options.

- Touch **Mobile networks** to display the following options:
  - **Mobile data**: Touch to create a check mark and activate the feature. To enable data access over the mobile network, this option must be selected. It is set on by default.
  - **Data roaming**: Touch to create a check mark and activate the feature. Data roaming causes your device to connect to your service provider's partner networks and access data services when you are out of your service providers area of coverage.
  - **Access Point Names**: To use Wi-Fi you need access to a wireless access point (hotspot). Touch to display a list of the Access Point names. The active access point displays a green, filled circle to the right of the name.
  - **Network operators**: Using this feature you can view the current network connection. You can also scan and select a network operator manually, or set the network selection to Automatic. The current network connection displays at the bottom of the list.

Important! You must deactivate data service prior to searching for an available network.

VPN

The VPN settings menu can be used to set up and manage Virtual Private Networks (VPNs).

Before using VPN, you must first set up a screen unlock PIN or password. For more information, refer to *"Home Screen"* on page 169.

Important! Before you can use a VPN you must establish and configure one.

Adding a Basic VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP, L2TP/IPSec PSK, L2TP/IPSec RSA, IPSec Xauth PSK, IPSec Xauth RSA, or IPSec Hybrid RSA.

1. From the VPN screen, touch **Basic VPN**.
2. Touch **Add**.
3. Enter a name for the VPN network in the **Name** field.
4. Select a VPN type from the **Type** dropdown menu.
5. Enter the Server address and any other required fields that are dependent upon the **Type** you entered previously.
6. Touch the **Show advanced options** check box to display additional VPN options.
7. Touch **Save** to save your VPN settings.

Adding an IPsec VPN

1. From the VPN screen, touch **Advanced IPsec VPN**.
2. Touch **Add VPN Connection**.
3. Enter a name for the VPN connection in the **VPN connection name** field.
4. Select a IPsec connection type from the dropdown menu.
5. Enter any other required information.
6. Touch **Show advanced options** to display additional VPN options.
7. Touch **Save** to save your VPN settings.

NFC

Use NFC (Near Field Communication) to share information between your device and another NFC device by touching the devices together, typically back-to-back. This is used for applications such as Android Beam and S Beam.

To activate NFC:

1. From the **Settings** screen, touch **NFC**.
   The NFC screen displays.
2. Touch the **ON/OFF** button at the top of the screen to turn NFC on.

Note: NFC must be turned on to use Android Beam, S Beam, and Tap and pay.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From the **NFC** screen, touch **Android Beam**.
2. Touch the **ON/OFF** button at the top of the screen to turn Android Beam on.
3. Touch the back of your device with another NFC-capable device and the content is transferred.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your Gallery and more.

1. From the **NFC** screen, **S Beam**.
2. Touch the **ON/OFF** button at the top of the screen to turn S Beam on.
3. Touch the back of your device with another NFC-capable device to transfer the content.

Tap and Pay

When NFC is turned on, you can use the Tap and Pay feature to pay for items just by touching your device to a reader at a register.

To manage your Tap and Pay apps:

1. From the **NFC** screen, touch **Tap and pay**.
2. Touch an app to make it your default payment app.

Tip: Isis Wallet is your default payment app. Browse Google Play Store for other payment apps.

Nearby Devices

Share your media files with nearby devices over Wi-Fi.

1. Connect to a Wi-Fi network. For more information, refer to *"Activating Wi-Fi"* on page 154.
2. From the **Settings** screen touch **Nearby devices**.
   The Nearby devices screen displays.
3. Touch the **ON/OFF** button at the top of the screen to turn Nearby devices on, which activates file sharing.
   The device name displays under Device name. The default is the model number: Galaxy Mega2.

Note: When enabled, the Nearby devices icon displays in the Status Bar.

4. In the Advanced section, set the following options:
   - **Content to share**: Selects the content to share. Choices are: Videos, Photos, and Music.
   - **Allowed devices**: Indicates the devices accessible to your device.
   - **Denied devices**: Indicates the devices not accessible to your device.
   - **Download to**: Sets whether to download data to Device or SD card.
   - **Receive files from other phones**: If a nearby device attempts to send data, this setting indicates the response. Options are: Always accept, Always ask, and Always reject.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

1. From the **Settings** screen, touch **Printing**.
2. Tap a print service and follow the prompts.

Note: Tap **Download plug-in** to install additional print service drivers.

Screen Mirroring

Use the Screen Mirroring feature to share media files on your device with an HDMI device, such as an HDMI TV.

Note: This feature requires an optional AllShare Cast dongle accessory. See your AT&T Customer Service Representative for more information.

1. From the **Settings** screen, touch **Screen Mirroring**.
2. Touch the **ON/OFF** button at the top of the screen to turn Screen Mirroring on.
3. Connect the optional AllShare Cast dongle to the HDMI device using an HDMI A-to-A cable (not included).
4. Touch **Scan** to scan for connected devices.

Sound

From this menu you can control the sounds on the device.

- From the **Settings** screen, touch **Sound**.

  The following options display:

  - **Sound mode**: Select the overall sound mode: Sound, Vibrate, or Mute.
  - **Volume**: Changes the volume for all device sounds in one easy location. Touch and drag the sliders to adjust the sound volume for Ringtone, Music, video, games and other media, Notifications, and System. Touch **OK**.

  Ringtones and notifications

  - **Ringtones**: Sets the ringtone. Touch a ringtone and touch **OK**.

    – or –

    Touch **Add** to select a file from your music files.
  - **Vibrations**: Set your phone to vibrate and ring. Select a vibration pattern and touch **OK**.

    – or –

    Touch **Create** and follow the onscreen instructions to create your own vibration.
  - **Notifications**: Sets the ringtone that will sound for notifications and alarms. Touch a ringtone and touch **OK**.
  - **Vibrate when ringing**: Enables your phone to vibrate whenever it rings. Touch **Vibrate when ringing** to create a check mark and enable the feature.

  Feedback

  Touch any of the following options to create a check mark and activate the feature:

  - **Dialing keypad tone**: Makes a sound when you touch a key on the keyboard.
  - **Touch sounds**: Makes a sound when you touch the screen.
  - **Screen lock sound**: Makes a sound when your screen is locked or unlocked.

  Samsung keyboard

  Set the keyboard sounds. Touch either of the following options to create a check mark and activate the feature:

  - **Sound when tapped**: Enables auditory feedback when you touch an onscreen key.

Samsung applications

Set the applications sounds. Touch any of the following options to display more options for the feature:

- **Call**: Configures Call alerts, Call ringtones and keypad tones, and Voicemail sounds.
- **Message**: Configures Messaging notifications, ringtones, and message alert repetition.
- **Email**: Configures Email notifications, select a ringtone, and set vibration.

Calendar: Sets Calendar alerts and notifications, select a ringtone, and set vibration.

Advanced

- **Music effects**: Select the music effects service to use: SoundAlive or MusicFX.

Display

In this menu, you can change various settings for the display.

- From the **Settings** screen, touch **Display**.

  The following options display:

  - **Brightness**: Configures the LCD Brightness levels. Touch Automatic brightness to allow the device to self-adjust or drag the slider and touch OK.
  - **Font**: Adjust the font as follows:
    - **Font style**: Sets the font style that your device will use. You can also touch Get fonts online to choose from a wider selection.
    - **Font size**: Select which size of font displays.
  - **Screen rotation**: Switches the display orientation automatically when you rotate the device.
  - **Smart stay**: Select this option to keep the display on for as long as you are looking at it.
  - **Screen timeout**: Adjusts the delay time before the screen automatically turns off.
  - **Screen mode**: Select from several different color modes.

- **Daydream**: Controls what your screen does when your device is docked or sleeping. Touch Daydream, and then touch the **ON/OFF** button to turn it on. Follow the onscreen instructions.
- **LED indicator**: Set the following LED indicator options:
  - **Charging**: LED lights up when the device is connected to the charger.
  - **Low battery**: LED lights up when the battery level is low.
  - **Notifications**: LED lights up when you have missed calls, messages, or application events.
  - **Voice recording**: LED lights up when you are recording voice. The LED only lights up when the screen is off.
- **Touch key light duration**: Select the length of time to keep the touch keys (Recent and Back) illuminated.

Wallpaper

Change the look of the home and lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

1. From the **Settings** screen, touch **Wallpaper**.
2. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.
3. Touch an image to preview it, and then touch **Set wallpaper**.
   - Touch More images to select an image from the Gallery or Google Photos.
   - Touch **Bubbles** or **Phase beam** for animated wallpaper. (Animated wallpaper consumes additional battery power).
   - Touch **Travel wallpaper** to see recommended travel destinations (Lock screen only).

For more information, see *"Wallpapers"* on page 36.

Home Screen

Home screen is used to configure the appearance of the Home screens.

1. From the **Settings** screen, touch **Home screen**.
2. Touch to set the following options:
   - **Transition effect**: Select an effect for when you transition between Home screens.
   - **My Magazine**: View all My Magazine updates in one place on the Home screen.

Lock Screen

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see *"Locking and Unlocking the Screen"* on page 13.

Screen Lock

1. From the **Settings** screen, touch **Lock screen**.
2. Touch **Screen lock** for these options then follow the onscreen instructions to set up your Screen lock:
   - **Swipe**: Swipe the screen to unlock it.
   - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
   - **PIN**: Select a PIN to use for unlocking the screen.
   - **Password**: Create a password for unlocking the screen.
   - **None**: No pattern, PIN, or password is required. The screen will never lock.

Lock Screen Options

The following options are available depending on the Screen lock type that you have selected.

Swipe Options

The options available when Screen lock is set to Swipe are:

- **Dual clock**: Displays two clocks, one for local time and one for your home time zone.
- **Clock size**: Adjusts the size of the clock.
- **Show date**: Select to show the date on the lock screen.
- **Camera shortcut**: Place a shortcut to the camera app on the lock screen.
- **Owner information**: Show the device owner's information on the lock screen.
- **Unlock effect**: Sets a visual effect when unlocking the device.
- **Show weather information**: Select to show weather information on the lock screen.
- **Help text**: Shows help information on the Lock screen.

Pattern Options

These options are available when Screen lock is set to Pattern:

- **Dual clock**: Displays two clocks, one for local time and one for your home time zone.
- **Clock size**: Adjusts the size of the clock.
- **Pattern type**: Select the appearance of the pattern displayed on the lock screen.
- **Show date**: Select to show the date on the lock screen.
- **Camera shortcut**: Place a shortcut to the camera app on the lock screen.
- **Owner information**: Show the device owner's information on the lock screen.
- **Show weather information**: Select to show weather information on the lock screen.
- **Make pattern visible**: Allows you to see the pattern as you draw it on the screen.
- **Vibration feedback**: Vibrate when the unlock pattern is entered incorrectly.
- **Secured lock time**: Sets a timeout for lock screen.

PIN and Password Options

These options are available when Screen lock is set to Pin or Password:

- **Dual clock**: Displays two clocks, one for local time and one for your home time zone.
- **Clock size**: Adjusts the size of the clock.
- **Show date**: Select to show the date on the lock screen.
- **Camera shortcut**: Place a shortcut to the camera app on the lock screen.
- **Owner information**: Show the device owner's information on the lock screen.
- **Show weather information**: Select to show weather information on the lock screen.
- **Secured lock time**: Sets a timeout for lock screen.

Multi Window

Turn on the Multi window feature.

1. From the **Settings** screen, touch **Multi window**.
2. Touch the **ON/OFF** button at the top of the screen to turn Multi window on.
3. Touch Open in multi window view to automatically view content in a multi window when you open files from My Files or Video, or attachments from email.

For more information, see *"Multi Window"* on page 37.

Notification Panel

Customize which Quick setting buttons appear on the Notification Panel.

You can also customize which apps appear on the Recommended applications menu on the Notification pane when you perform certain actions, such as plugging in earphones.

- From the **Settings** screen, touch **Notification panel**.

  – or –

  From the Notification panel, touch **View all** ➔ **Edit**.

  The following options display:

  - **Brightness adjustment**: Adjust the screen brightness from the Notification Panel.
  - **Recommended applications**: Show selected apps on the Notification Panel after certain actions, such as connecting earphones. Touch the **ON/OFF** button at the top of the screen to turn the feature on.

To customize which quick setting buttons appear at the top of the Notification Panel:

- Touch and drag buttons to reorder the them.

To use the default layout:

- Touch **Reset**.

Recommended Applications

When you perform certain actions, such as plugging in earphones, the Notification panel can display shortcut to your favorite related apps, such as Music Player or Google Play Music.

To customize which shortcuts appear on the Recommended apps menu:

1. From the **Settings** screen, touch **Notification panel**.
2. Touch **Recommended applications**.
3. Touch the **ON/OFF** button at the top of the screen to turn the feature on.
4. Touch **Edit** and choose which apps to display on the Notification Panel when you insert earphones.

Toolbox

The Toolbox is a floating shortcut menu that displays on every screen, giving you quick access to your favorite apps.

To activate the Toolbox:

1. From the **Settings** screen, touch **Toolbox**.
2. Touch the **ON/OFF** button at the top of the screen to turn the feature on.
3. Touch **Edit** to choose up to five apps to display in Toolbox.

One-Handed Operation

The one-handed operation settings help you to use your device easily with only one hand.

- From the **Settings** screen, touch **One-handed operation**.

  The following options are available:

  - **Reduce screen size**: Reduce screen size to make it easier to reach all areas with one hand.
  - **One-handed input**: Select one-handed input options for the following features:
    - **Keypad and in-call buttons**: Adjusts the position of the dialing keypad and in-call buttons to the left or the right to make it easier to use with one hand.
    - **Samsung keyboard**: Turn on to adjust the position of the Samsung keyboard left or right, for use with one hand.
    - **Calculator**: Adjusts the position of the calculator keypad to the left or the right to make it easier to use with one hand.
    - **Unlock pattern**: Adjusts the scale of the unlock pattern for use with one hand.

- **Side key panel**: Activate a panel of keys on the side of the screen that perform the same functions as the Touch keys (Recent, Home, and Back). The functions below are only available when Side key panel is On.
  - **Transparency**: Adjust the transparency level of the panel.
  - **Quick minimize**: Tap anywhere outside of the Side key panel to minimize it.
  - **Manage keys**: Add or remove keys that appear on the panel.

Easy Mode

Switch between the default screen layout and a simpler layout. The Easy Mode layout has larger text and icons, making for a more straightforward visual experience.

To enable Easy Mode:

1. From the **Settings** screen, touch **Easy mode**.
2. Touch **Easy mode** to enable this feature.

   When Easy mode is enabled, you can scroll down the page and select which apps you want to appear on the Home screens.
3. When finished, touch **Done**.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Play Store and manage their use here.

- From the **Settings** screen touch **Accessibility**.

  The following options are available:

Categories

Categories are divided into three aspects of interaction with your device: Vision, Hearing, and Dexterity.

Vision

- **TalkBack**: Activates the TalkBack feature along with the three options immediately below it: Dark screen, Rapid key input, and Speak passwords. Touch the **ON/OFF** button at the top of the screen to turn TalkBack on.

Note: TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your interactions with the device.

- **Dark screen**: Keep the screen turned off at all times for privacy. Double press the Power key to turn this function on or off. This function is only available if TalkBack is turned on.
- **Rapid key input**: Release your finger to select instead of having to double tap. This function is only available if TalkBack is turned on.
- **Speak passwords**: To on this feature to read the characters aloud as you enter passwords. For your protection, this feature is inactive by default. This function is only available if TalkBack is turned on.
- **Font size**: Changes the size of the fonts used on the device within menus, options, and so on. Choose from: Tiny, Small, Normal, Large, or Huge.
- **Magnification gestures**: Uses exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Notification reminder**: Beep at set intervals to remind you of any unread notifications.
- **Negative colors**: Reverses the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Color adjustment**: Adjusts the display colors if you are color blind and have difficulty reading the display because of the colors. Touch the **ON/OFF** button to turn it on. Follow the onscreen instructions.
- **Accessibility shortcut**: Quickly enables accessibility features in two quick steps. Touch the **ON/OFF** button to turn it on. Follow the onscreen instructions.
- **Text-to-speech options**: Adjusts your text-to-speech settings. For more information, refer to *"Speech"* on page 185.

Hearing

- **Flash notification**: Sets your camera light to blink whenever you receive a notification.
- **Turn off all sounds**: Mutes every sound made by the device.
- **Hearing aids**: Improve the sound quality of your device for use with hearing aids.

- **Samsung subtitles (CC)**: Use Samsung subtitles with multimedia files when available. Touch the **ON/OFF** button to turn the feature on. Touch **Samsung subtitles (CC)** for options.
- **Google subtitles (CC)**: Use Google subtitles with multimedia files when available. Touch the **ON/OFF** button to turn the feature on. Touch **Google subtitles (CC)** for options.
- **Sound balance**: Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio**: Enables stereo audio to be compressed into a single mono audio stream for use with a single earbud or earphone.

Dexterity and Interaction

- **Assistant menu**: Allows you to improve the device accessibility for users with reduced dexterity. Touch the **ON/OFF** button to turn it on. Follow the onscreen instructions.
- **Press and hold delay**: Select a time interval for this action.
- **Interaction control**: Allows you to enable or disable motions and screen timeout. You can also block areas of the screen from touch interaction. Touch the **ON/OFF** button to turn it on. Follow the onscreen instructions.

More Settings

- **Direct access**: Set certain settings or functions to open by quickly pressing the Home key 3 times.
- **Answering/ending calls**: Accepts incoming calls by pressing the Home key and end calls using the power key.
- **Single tap mode**: Dismiss alerts, alarms, and calls with a single tap on the screen.
- **Manage accessibility**: Saves and updates your accessibility settings or share them with another device. You can export your settings, import a previously saved file, or share your file with another device.

Services

If any other accessibility services are installed, they appear in this section.

Blocking Mode

When Blocking mode is enabled, notifications for selected features are disabled. You only receive notifications of incoming calls from people on your allowed list.

1. From the **Settings** screen, touch **Blocking mode**. The Blocking mode screen displays.
2. Touch the **ON/OFF** button at the top of the screen to turn Blocking mode on.

Note: When enabled, the Blocking mode active icon displays in the Status Bar.

3. Touch **Block incoming calls**, **Turn off notifications**, or **Turn off alarm and timer** to place a green check mark next to those features you would like to enable.
4. Configure a timeframe for these features to be active. Remove the check mark from the **Always** field to configure the **From** and **To** time fields.
5. Touch **Allowed contacts** to assign those contacts that are exempted from these rules. Choose from None, All contacts, Favorites, Group, or Custom. Allowed contacts display in the **Allowed contact list** and allowed groups display in **Allowed contact groups**.

Private Mode

Hide personal content from being accessed by anyone else using your device. Private mode is only available for certain applications.

Note: A secure screen lock (Pattern, PIN, Fingerprint, or Password) is required to use Private Mode.

To set up Private Mode:

1. From the **Settings** screen, touch **Private mode**.
2. Follow the prompts to learn about and set up Private mode.

Motions and Gestures

The Motions and Gestures settings allow you to set up various Motion activation services. For more information on using gestures, see *"Using Motions and Gestures"* on page 20.

- From the **Settings** screen, touch **Motions and gestures**.

  The following options are available:

  - **Direct call**: Once enabled, the device will dial the currently displayed onscreen Contact entry as soon as you place the device to your ear. Touch the **ON/OFF** button to turn it on.
  - **Smart alert**: Once enabled, pickup the device to be alerted and notified of you have missed any calls or messages. Touch the **ON/OFF** button to turn it on.
  - **Mute/pause**: Once enabled, mute incoming calls and any playing sounds by turning the device display down on a surface. Touch the **ON/OFF** button to turn it on.
  - **Palm swipe to capture**: Once enabled, take screen captures by swiping the screen with the palm of your hand. Touch the **ON/OFF** button to turn it on.

Accounts

Use this option to set up, manage, and synchronize accounts, including your Google and email accounts.

Adding an Account

1. From the **Settings** screen, touch **Accounts** → **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

   A green button appears next to the account type once you have created an account. Your accounts are also displayed in the **MY ACCOUNTS** section of the main Accounts menu.

Synchronizing Accounts

Select the items you want to synchronize on your account such as Books, Calendar, Contacts, and more.

1. From the **Settings** screen, touch **Accounts**.
2. Touch the account type, which is located in the **MY ACCOUNTS** section.
3. Touch the account name.
   - Touch the items you want to synchronize with your account to create a check mark then touch **More options** ➔ **Sync now**.

     This includes items such as app data, calendar, contacts, gmail or email, photos, and so on.

     Note: The items that are available to Sync depends on the type of account.
   - Touch **More options** ➔ **Cancel sync** to stop the synchronization.
4. Touch **Settings** or **Account Settings** to access the account settings.
5. Touch **Storage usage**, if available, to see your storage usage for different applications.
6. Touch **More options** ➔ **Sync all** to synchronize all accounts of this type.

Removing an Account

Important! Removing an account also deletes all of its messages, contacts, and other data from the device.

1. From the **Settings** screen, touch **Accounts**.
2. Touch the account type, which is located in the **My accounts** section.
3. Touch the account name.
4. Touch **More options** ➔ **Remove account**, then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

Google

Configure options for Google accounts and privacy settings.

Note: To display these options, you must have a Google account set up on your device.

1. From the **Settings** screen, touch **Accounts** ➔ **Add account**.
2. Touch **Google**.

   Configure the following options:

   - **ACCOUNTS**: View Google accounts set up on your device. Touch a Google account to configure syncing or to remove the account.
   - **PRIVACY**: Configure Search, Location, Google+, and Ads.

Signing In to Your Samsung Account

Several applications and options require that you create and sign in to a Samsung Account.

To sign in to your Samsung account:

1. From the **Settings** screen, touch **Accounts** ➔ **Add account**.
2. Touch **Samsung account**.

   The Samsung account sign in screen displays.
3. Touch **Help** to display information about Samsung services that are available.
4. If you have a Samsung account, touch **Sign in**.

   – or –

   If you have no Samsung account, touch **Create account**.

   The Samsung account screen displays.

5. Use the keyboard to enter the required information and touch **Sign in** or **Sign up**.

Tip: The password is for your Samsung account, not the password you use for the email address you are entering. Plus, you can use only letters, numbers, !, @, $, %, &, ^, and * for your Samsung account password.

6. If you are creating a new account, the Terms and Conditions screen displays. Read the Terms and conditions, Special terms, and Privacy policy and touch **I accept all the terms above**.

   The Settings screen displays with Samsung account listed under Accounts.

Backup and Reset

The Back up and reset settings allow you to back up your data, back up accounts, automatically restore your device, and reset your device settings to the factory settings.

- From the **Settings** screen, touch **Accounts** → **Backup and reset**.

  The following options display:

  - **Back up my data**: By setting this option, the Google server will back up all of your settings and data, such as application data, Wi-Fi passwords, and other settings, to the Google server.
  - **Backup account**: If you have enabled the **Back up my data** option, then the **Backup account** option is available. Touch **Backup account** and touch your Google Gmail account or touch **Add account** to set your Google Gmail account to be backed up to the Google server.
  - **Automatic restore**: By setting this option, when you reinstall an application, all of your backed up settings and data will be restored from the Google server.

Factory Data Reset

From this menu you can reset your device and sound settings to the factory default settings.

1. From the **Settings** screen, touch **Accounts** → **Backup and reset**.
2. Touch **Factory data reset**.

   The Factory data reset screen displays reset information.
3. Touch **Reset device**, then follow the prompts to perform the reset.

Warning! Performing a Factory data reset erases all data from your device and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It does not erase current system software, bundled applications, and external SD card files such as music and photos.

Language and Input

Use this menu to configure the language used to display text on your device. You can also set onscreen keyboard options.

- From the **Settings** screen, touch **Language and input**.

  The following options display.

Language

You can change the language used by your device by following these steps:

1. From the **Language and input** screen, touch **Language**.
2. Touch a language from the list.

Keyboards and Input Methods

You can change and configure the keyboard used by your device by following these steps:

1. From the **Language and input** screen, touch **Default** and select a keyboard.

   Select either Samsung keyboard or Swype.
2. Touch **Settings** next to the input method that you want to configure. Each keyboard is described next.

Samsung Keyboard

To configure the Samsung keyboard:

- From the **Language and input** screen, touch **Settings** next to **Samsung keyboard**.

  The following options are available:

  - **English(US)**: Set the keyboard type: Qwerty keyboard or 3x4 keyboard.
  - **Select input languages**: Set the input language. Touch a language from the available list. The keyboard is updated to the selected language.

  Smart typing

  - **Predictive text**: Enables predictive text entry mode. This must be enabled to gain access to the advanced settings. Touch and hold to access the advanced settings. Touch the **ON/OFF** button to turn it on.

    The following options are available:

    – **Live word update**: Automatically update predictive text with popular new words daily.

    – **Personalized data**: Use personal language that you have added to make your prediction results better.

    – **Learn from Facebook**: Log in to your Facebook account so your device can learn your Facebook style.

    – **Learn from Gmail**: Log in to your Gmail account so your device can learn your Gmail style.

    – **Learn from Twitter**: Log in to your Twitter account so your device can learn your Twitter style.

    – **Learn from Messages**: Allow your device to learn from your Messages.

    – **Learn from Contacts**: Allow your device to learn from your Contacts.

    – **Clear server data**: Delete anonymous data that is stored on the personalization server.

    – **Clear personal data**: Remove all personalized data that you have entered.

    – **Privacy Policy**: Read the privacy policy. Follow the onscreen instructions.

  - **Auto replace**: When set to ON, lets you complete or replace the word you are typing with the most probable word by touching the space bar or a punctuation mark.
  - **My hot keys**: Assign text shortcuts to the number keys.

- **Auto capitalize**: Automatically capitalizes the first letter of the first word in each sentence (standard English style).
- **Auto spacing**: Automatically inserts spaces between words.
- **Auto punctuate**: Automatically inserts a full stop in a sentence by touching the space bar twice when using the onscreen QWERTY keyboard.
- **Keyboard swipe**: Select a swipe entry method.
  - **None**: Turn Keyboard swipe off.
  - **SwiftKey Flow**: Enable the SwiftKey Flow feature. When enabled, you can enter text by sliding your finger across the keyboard.
  - **Cursor control**: Move the cursor by sliding your finger across the keyboard.
  - **Flick input**: Flick upwards on a key to view symbols and alternative characters assigned to that key.

Key-tap feedback

- **Sound**: Enables or disables auditory feedback when you touch an onscreen key.
- **Character preview**: Provides an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.
- **Press and hold delay**: Set the delay time for press-and-hold selections.

More settings

- **Reset settings**: Resets the keyboard settings back to their original configurations.

Swype

To configure Swype settings:

- From the **Language and input** screen, touch **Settings** next to **Swype** to display the following options:
  - **Settings**: Configures basic Swype settings. When an option is enabled, a check mark appears in the check box.
  - **Themes**: Sets keyboard options.
  - **My Words**: Sets options for managing your dictionary and data.
  - **Languages**: Manages the language used for Swype. The default language is English. Touch **Download languages**, to download additional languages.
  - **Gestures**: Displays helpful information on using gestures while using Swype.
  - **Help**: Touch **How to Swype** to view an onscreen manual for Swype. Touch **Show helpful tips** for more Swype information.

Google Voice Typing

To configure Google voice typing:

- From the **Language and input** screen, touch **Settings** next to **Google voice typing**.

  The following options are available:

  - **Choose input languages**: Touch a language that you want to input. Select **Automatic** to use the local language or select a language from the list.
  - **Block offensive words**: Creates a check mark and enable the blocking of recognized offensive words from the results of your voice-input Google typing.
  - **Offline speech recognition**: Enables voice input while offline.

Keeper FastFill

Keeper FastFill conveniently and quickly auto-fills passwords on your mobile apps and browsers.

To activate Keeper FastFill:

- From the **Language and input** screen, touch **Keeper FastFill** to create a check mark and enable the feature.

  For more information, refer to *"Keeper"* on page 133.

Speech

Use this menu to set the speech settings for Voice input.

Voice Search

- From the **Language and input** screen, touch **Voice search** to configure the following:
  - **Language**: Choose a language for your voice input.
  - **Speech output**: Sets whether you will use speech output always or only when using Hands-free mode.
  - **"Ok Google" Detection**: Enable to being able to launch voice search by saying the word "OK Google". Touch the **From Google Search app** to check mark the box and turn detection on.
  - **Offline speech recognition**: Enables voice input while offline.
  - **Block offensive words**: Enables or disables blocking of recognized offensive words from the results of your voice-input Google searches.
  - **Bluetooth headset**: Record audio through a Bluetooth headset, if available.

Text-to-Speech Options

Voice output provides audible readout of text, for example, the contents of email messages.

1. From the Language and input screen, touch **Text-to-speech options** and select the preferred TTS engine, **Samsung text-to-speech engine** or **Google Text-to-speech Engine**.
2. Touch ⚙ next to the preferred TTS engine and configure.
3. Under General, configure the following:
   - **Speech rate**: Sets the speed at which the text is spoken.
   - **Listen to an example**: Plays a sample of speech synthesis (available if voice data is installed).
   - **Default language status**: Displays the default language in use.

Mouse/Trackpad

This section contains functions related input from a mouse or trackpad.

Pointer Speed

This option sets your Pointer speed for your mouse or trackpad when you are using a keyboard dock accessory.

1. From the **Language and input** screen, touch **Pointer speed**.
2. Drag the slider to the right to go faster or to the left to go slower.
3. Touch **OK** to save your setting.

Date and Time

To change the current time and date displayed:

- From the **Settings** screen, touch **Date and time**.

  The following options display:

  - **Automatic date and time**: Allows the network to set the date and time. Disable this option to set date and time manually.
    - **Set date**: Enter the current date.
    - **Set time**: Enter the current time.
  - **Automatic time zone**: When enabled, the device takes the time zone from the wireless network. Disable this option to set time zone manually.
    - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
  - **Use 24-hour format**: Sets the format for time displays. If this option is not selected, the device automatically uses a 12-hour format.
  - **Select date format**: Sets the format for date displays.

Safety Assistance

Receive real-time information about emergencies and severe weather conditions.

You can also enable Emergency mode: a power-conserving mode that restricts certain apps and functions while allowing access to Messages, Contacts, and emergency calls.

Emergency Mode

Use Emergency mode to conserve batter power during emergencies. Power-hungry apps and functions are disable, but you are still able to send messages, use Contacts, and make emergency calls.

1. From the **Settings** screen, touch **Safety assistance**.
2. Touch **Emergency mode**.
3. Touch the **ON/OFF** button at the top of the screen to turn the feature on.

Geo News

Receive information about weather, environmental situations, and geological information for your location during emergencies.

1. From the **Settings** screen, touch **Safety assistance**.
2. Touch **Geo News**.
3. Touch the **ON/OFF** button at the top of the screen to turn the feature on.
4. Touch **Geo News notification pop-ups** alerts.

Send Help Messages

Send a quick alert to your primary contacts when you are an emergency situation.

To enable this feature:

1. From the **Settings** screen, touch **Safety assistance**.
2. Touch **Send help messages**.
3. Touch the **ON/OFF** button at the top of the screen to turn the feature on.

   The following options are available:

   - **Send pictures**: Send photos taken with the front and back cameras to your emergency contacts.
   - **Send sound recording**: Send a short audio message to your emergency contacts.

To send a help message:

- Press the **Power/Lock** key quickly three times.

Manage Primary Contacts

Select contacts or create new ones to be your emergency contacts. These contacts automatically receive your help message.

1. From the **Settings** screen, touch **Safety assistance**.
2. Touch **Manage primary contacts**.
3. Touch **Create primary contact**:
   - Touch **Create contact** to enter a name and phone number for a new emergency contact.
   - Touch **Select from contacts** to designate a contact to be an emergency contact.

Battery

See how much battery power is used for device activities.

1. From the **Settings** screen, touch **Battery**.
   The battery level displays as a percentage. The amount of time the battery has been used also displays.
   Battery usage displays in percentages per application.
2. Touch **Screen**, **Android System**, **Android OS**, or any other listed application to view how it is using the battery.

Note: Other applications may be running that affect battery use.

3. Touch **Refresh** to update the listing.
4. Touch **Show battery percentage** to display the battery charge percentage next to the battery charge icon in the Status Bar.

Power Saving Mode

Use Power saving mode to manage your device to conserve power.

1. From the **Settings** screen, touch **Power saving**.
   The Power saving mode screen displays.
2. Touch **Power saving mode** to set normal power saving:
   - Touch the **ON/OFF** button at the top of the screen to turn Power saving mode on.
   - Touch **Select when turned on** to set **Always** or **Auto enable**, which automatically turns on Power saving mode when the battery falls below 20%.
   - Touch **Restrict background data** to stop data transfer to and from inactive apps.
   - Touch **Restrict performance** to further configure power saving options:
     – Touch the **ON/OFF** button at the top of the screen to turn Restrict performance on.
     – **CPU performance**: Limit the maximum performance of the CPU.

– **Screen output**: Lower the screen power level.
– **Turn off touch key light**: Turn off the light for the touch keys.
– **Turn off GPS**: Turn off GPS and disable location services.

3. Touch **Ultra power saving mode** to save power by having the device display a simple home screen and access to a limited number of apps. Battery percentage and estimated battery time left are shown at the bottom of the screen.
   – Touch the **ON/OFF** button at the top of the screen to turn Ultra power saving mode on.
   – Touch **More options** ➔ **Turn off Ultra power saving mode** to turn the feature off.
4. Touch **More options** ➔ **Help** to learn more about the power saving modes.

Storage

From this menu you can view the memory allocation for the memory card and mount or unmount the SD card.

Device Memory

To view the memory allocation for your device:

- From the **Settings** screen, touch **Storage**.
  The Device memory displays as Total space, System memory, Used space, Cached data, Miscellaneous files, and Available space.

SD Card

Once a memory card has been installed in your device, the SD card memory displays as Total space and Available space.

Mounting an SD Card

1. Install an SD card. For more information, refer to *"Installing the SIM and MicroSD Cards"* on page 8.
2. From the **Settings** screen, touch **Storage**.
3. Touch **Mount SD card**.

Unmounting an SD Card

1. From the **Settings** screen, touch **Storage**.
2. Touch **Unmount SD card**.
3. At the prompt, select **OK** to safely unmount the memory card.
4. Remove the SD card from the slot.

Note: Unmounting an SD card will stop some applications from functioning. Applications may not be available until you mount the SD card again.

Formatting an SD Card

When formatting an SD card you will want to backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From the **Settings** screen, touch **Storage**.
2. Touch **Format SD card** and then touch **Format SD card** again on the warning screen.
3. Touch **Delete all**.

Note: The **Format SD card** option is only available when your SD card is mounted.

Security

The Security settings allow you to determine the security level for your device.

Encryption

To require a numeric PIN or password to decrypt your device each time you power it on or encrypt the data on your SD card each time it is connected:

Note: You must first set up a screen lock type, if you have not already done so. For more information, refer to *"Screen Lock"* on page 169.

1. From the **Settings** screen, touch **Security**.
2. Touch **Encrypt device**. For more information, read the displayed help screen.
3. Touch **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Tip: Make sure your battery is charged more than 80 percent. Encryption may take an hour or more.

Find My Mobile

Find My Mobile is a device location service provided by Samsung.

Note: A Samsung account is required in order to use this feature. For more information, refer to *"Signing In to Your Samsung Account"* on page 180.

The following configurations are available:

1. **Remote controls**: Turn this option On to enable you to remotely lock and erase data on your lost device.
2. **SIM change alert**: Receive an alert if someone attempts to change the SIM card on your device.
3. **Go to website**: Launch the Find My Mobile website from Samsung.
4. **Reactivation lock**: Enable this feature to prevent your device from reactivating after a factory reset.

Factory Data Reset Password

Use this option to set up a password for a factory data reset.

1. From the **Settings** screen, touch **Security** → **Set up/change password**.
2. Enter a password and touch **Confirm**.
3. Enter the password again and touch **Confirm**.

Set Card Lock

To prevent another person from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card, you can protect the information by using a PIN code.

When enabled, your device asks for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

1. From the **Settings** screen, touch **Security** → **Set up SIM card lock**.
2. Touch **Lock SIM card**, enter your SIM PIN code, then touch **OK**.

Note: You must activate **Lock SIM card** before you can change your SIM PIN code.

To change your SIM PIN code:

1. Touch **Change SIM PIN**.
2. Enter your old SIM PIN code and touch **OK**.
3. Enter your new SIM PIN code and touch **OK**.
4. Re-type your new SIM PIN code and touch **OK**.

Make Passwords Visible

When enabled, password characters display briefly as you touch them while entering passwords.

1. From the **Settings** screen, touch **Security**.
2. Touch **Make passwords visible** to enable or disable brief displays of password characters.

Device Administration

Use the Device Administration feature to select one or more administration applications that control your device for security purposes (for example, if your device is lost of stolen). These applications enforce remote or local device security policies.

Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.
- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. From the **Settings** screen, touch **Security**.
2. Touch **Device administrators**, to select a device administrator, and follow the prompts.

   If no device administrators are listed, you can download them from the Play Store.

3. Touch **Unknown sources** to download and install non-Market applications.

Warning! Enabling this option causes your device and personal data to be more vulnerable to attack by applications from unknown sources.

4. Touch **Verify apps** to cause your device to either block or warn you before installing apps that may cause harm to your device.

Security Update Service

To set security update service settings:

1. From the **Settings** screen, touch **Security**
2. Touch **Security policy updates** to automatically check for changes to the security policy and download any updates to improve security and service.
3. Touch **Send security reports** to send security reports to Samsung, using Wi-Fi, for threat analysis.

Credential Storage

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From the **Settings** screen, touch **Security**.
2. Touch **Storage type** to set a storage type for credential contents.
3. Touch **Trusted credentials**.

   The trusted credentials screen has two tabs:

   - **System**: Displays CA certificates that are permanently installed in the ROM of your device.
   - **User**: Displays any CA certificates that you installed, for example, in the process of installing a client certificate.
4. Touch a CA certificate to examine its details.

   A scrolling screen displays the details.

   Scroll to the bottom of the details screen and touch **Turn off** to disable a System certificate.

Caution! When you disable a system CA certificate, the **Turn off** button changes to **Turn on**, so you can enable the certificate again, if necessary.

Touch **OK** to return to the certificate list.

5. Touch **Install from device storage**, then choose a certificate and follow the prompts to install encrypted certificates stored on the USB storage.

Note: The installed a memory card must contain encrypted certificates to use this feature.

6. Touch **Clear credentials** to erase the credential contents from the device and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

Help

View tips and guidelines for using your device.

1. From the **Settings** screen, touch **Help**.
2. Touch an option for information about new features, applications, settings, and so on.

About Device

This menu contains legal information, system tutorial information, and other device information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access device information:

- From the **Settings** screen, touch **About device**.

  The following information displays:

  - **Software update**: Update your device software, if available. For more information, refer to *"Software Update"* on page 197.
  - **Status**: View the status of your device. Battery status, Battery level, Network, Signal strength, and so on, are displayed as described on the screen.
  - **Legal information**: Displays Open source licenses and Google legal information. This information clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference.
  - **Report diagnostic info**: Give consent to provide diagnostic and usage data to Samsung to help improve the quality and performance of its products and services.
  - **Device name**: Enter the name for your device. The default is the model number: Galaxy Mega2.
  - **Model number**: Displays the device's model number.
  - **Android version**: Displays the Android version loaded on this device.
  - **Baseband version**: Displays the Baseband version loaded on this device.
  - **Kernel version**: Displays the Kernel version loaded on this device.
  - **Build number**: Displays the software build number.
  - **SE for Android status**: Displays Security Enhancements for Android status information.

Note: Baseband, kernal, and build numbers are usually used for updates to the device or support. For additional information please contact your AT&T service representative.

Software Update

The AT&T Software Update feature enables you to use your device to connect to the network and upload any new software directly to your device. The device automatically updates with the latest available software when you access this option.

1. From the **Settings** screen, touch → **Software update**.
2. Touch **Check for updates**.
3. At the **AT&T Software update** prompt, touch **OK** to continue.
4. The device automatically updates the software (if available), otherwise, when the **Current software is up to date** prompt displays, touch **OK**.

When updating software, once the update file is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time, touch **Continue update**.

Application Manager

You can download and install applications from Play Store or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From the **Settings** screen, touch **Application manager**.
2. Swipe across the screen to display **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** memory usage for that category of applications.

   The graph at the bottom of the DOWNLOADED tab shows used and free device memory. The graph at the bottom of the RUNNING tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From the **Settings** screen, touch **Application manager**.
2. Touch the **DOWNLOADED** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the Downloaded tabs, touch **More options** ➔ **Sort by size**.
4. To reset your application preferences, touch **More options** ➔ **Reset app preferences**.

Note: This will reset the preferences for disabled apps, disabled app notifications, default applications for actions, and background data restrictions for apps. You will not lose any app data.

5. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

SD Card

Displays apps you have downloaded onto your SD card.

1. From the **Settings** screen, touch **Application manager**.
2. Touch the **SD CARD** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the SD CARD tab, touch **More options** ➔ **Sort by size**.
4. To reset your application preferences, touch **More options** ➔ **Reset app preferences**.

Note: When you Reset app preferences, you will not lose any app data.

5. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From the **Settings** screen, touch **Application manager**.
2. Touch the **RUNNING** tab. All the applications that are currently running on the device display.
3. Touch **Show cached processes** to display all the cached processes that are running. Touch **Show services in use** to switch back.
4. Touch one of the applications to view application information.

   The following options display:

   - **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

   - **Report**: Report failure and other application information.

Note: Options vary by application.

Default Applications

Set and manage your default applications.

1. From the **Settings** screen, touch **Default applications**.
2. Touch **Home** to set the style for the Home screens.
3. Touch **Messages** to set an app as the default for messaging.
4. Under CLEAR DEFAULTS, touch the **Clear** button to remove an app as the default application.

Applications Settings Shortcuts

Shortcuts to the settings for various apps are available in one convenient location.

To quickly access the settings for Calendar, Call, Contacts, Email, Gallery, Internet, Messages, or S Voice:

1. From the **Settings** screen, navigate to the APPLICATIONS section.
2. Touch one of the following to display the settings for the selected app:
   - **Calendar**: For more information, see *"Calendar"* on page 123.
   - **Call**: For more information, see *"Call Settings"* on page 78.
   - **Contacts**: For more information, see *"Contacts and Address Book"* on page 50.
   - **Email**: For more information, see *"Email Settings"* on page 93.
   - **Gallery**: For more information, see *"Gallery"* on page 102.
   - **Internet**: For more information, see *"Internet"* on page 131.
   - **Messages**: For more information, see *"Messages Settings"* on page 89.
   - **S Voice**: For more information, see *"S Voice"* on page 146.

Sign Up Now

Customize your Samsung device experience

- Activate product warranty
- Access to a personalized My Samsung Mobile account
- No monthly fees

Get More

- Latest info on promotions, events and special offers on related products
- Review Samsung products and share your opinion
- Great deals on downloads

Register now at www.samsung.com/register

Scan this code to go directly to the registration page.

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Index

A

Abc Mode 45
About Device 196
Accounts 178
Add Accounts 178
Address Book 50
- adding a new contact 51
- adding pauses to contact numbers 52
- deleting entries 58
- dialing a number 53
- favorites 60
- finding an Address Book entry 53
- group settings 58
- managing contacts 61
- service Dialing Numbers 62
- using contacts list 53

Address Book Options 56
Airplane Mode 159
Alarm 125
Amazon Kindle 119
Android Beam 163
App Shortcuts 32
Application Settings
- managing 198
- running services 199

Applications
- Camcorder 101
- Camera 96
- list of 116

Apps
- uninstalling 117

AT&T DriveMode 129
AT&T FamilyMap 119
AT&T Live 120
AT&T Locker 120
AT&T Mail 120
AT&T Mobile Locate 121
AT&T Navigator 121
AT&T Ready2Go 122
AT&T Smart Wi-Fi 110, 122

B

Back button 20
Backing Up Your Data 181
Battery
- charging 10
- display percentage 12
- installation 9
- low Battery Indicator 12

Blocking Mode 177
Bluetooth 111
- sending contacts 114

Bubble
- options 87

C

Calculator 122
Calendar 123
Call Functions 63
- 3-Way Calling (Multi-Party Calling) 73
- address Book 66
- adjusting the call volume 70
- answering a call 66
- call back missed call 68
- call duration 69
- call forwarding 76

call log 67
call waiting 76
correcting the number 64
dialing a recent number 64
ending a call 64
international calls 63
making a call 63
manual pause dialing 64
options during a call 70
putting a call on hold 72
saving a recent number 68
searching for a number in Address Book 75
using the speakerphone 74
viewing all calls 68
viewing missed calls 68
Call Sound
personalize 71
Camcorder 101
options after a video is taken 102
recording video 101
settings 99
Camera 124
modes 98
quick settings 99
settings 99
taking pictures 97
Charging battery 10
Chrome 124
Clock 125
Commercial Mobile Alerting System (CMAS) 89
Contacts 50, 128
speed dials 61
updating 53

D

DeviceHelp 128
Dialing Options 67
Display
using negative colors 175
Draft Messages 85
Drive 128
DriveMode 129

E

Editing a Photo 103
Email 90, 129
adding a corporate email account 91
adding additional email accounts 92
combined Inbox 93
refreshing your accounts 93
switching between email accounts 92
Emergency Alerts (CMAS) 89
Emergency Calls
making 65
with SIM 65
without SIM 65
Entering Text
changing the text entry mode 45
using 123Sym mode 46
using Abc mode 45
using Swype 48
using symbol/numeric mode 46

F

Famigo 129
Family Map 119
Flipboard 129
Font
change size 175

Font Size
changing 175
For Kids! 129

G

Gallery 130
photos 102
viewing pictures 102
viewing videos 104
Games 130
Gestures
overview 20
Getting Started 6
Voice mail 15
Gmail 94
composing and sending 94
refreshing your account 94
setting up your account 94
settings 94
Google
Drive 128
Photos 143
Settings 131
Google Chrome 124
Google Maps 134
Google Play Music 144
Google Settings 131
Google Voice Typing 47
Google Voice Typing Settings 185
Google+ 131
Group
adding a contact 59
editing 59
removing a contact 59
Group Settings
editing a Caller Group 59
Groups
sending a message 60

H

Handwriting Feature 47
Hangouts 95
Home Screen
adding widgets 35
folders 33
wallpaper 36
Home Screen Mode 169
Hotspot 157

I

In-Call Options 70
Incognito 133
create window 133
exit window 133
International Call 63
Internet
entering a URL 132
Isis Mobile Wallet 151

K

Keeper 133
Keyboard
changing text input 45
Keyboard Input Methods 182
Keyboard Settings 183
Kindle 119

L

Landscape Keyboard 44
Language and Input
keyboards and input methods 182
select language 182
Linking Contacts 54

Location Services Settings 159
Locations 159
Lookout 134

M

Memo 135
Memory Card 41
Messaging
adding an email account 91
creating and sending text messages 84
deleting a message 88
draft 85
Gmail 94
handwriting 47
locked 85
options 85
scheduled messages 85
search 88
settings 89
spam 85
types of messages 83
microSD card 41
microSDHC card 41
Mobile Hotspot 157
Mobile TV 136
Mobile Web
using bookmarks 133
Mono
audio setup 176
Motion
overview 20
Movies 144
Multi Window
activate/deactivate 37
panel relocation 38
removing apps 38
running multiple apps 39
tab repositioning 38
using 37
Music
playlists 139
Music (app) 137
Music File Types 137
Music Player 137
adding music 139
creating a playlist 139
removing music 140
Mute 70, 75
My Files 140
myAT&T 142

N

Navigation 19
command keys 19
context-sensitive menus 21
terms used 20
touch gestures 20
Navigator 121
Nearby Devices 164
Negative Colors 175
Noise Reduction 71
Notifications 25

O

One-Handed Operation 173
Outgoing Call Conditions 79

P

PC Connections 115
Personal Localized Alerting Network (PLAN) 89
Phone
turning on or off 12

Photo
color correction 103
editing 103
Photos
Gallery 102, 130
Photos (app) 143
Picture
face corrections 104
Pictures 130
sharing 104
Play Books 143
Play Games 144
Play Movies & TV 144
Play Music 144
Play Newsstand 144
Play Store 145
Pointer Speed 186
Powering Device
turn on or off 12
Privacy Settings
factory data reset 182

Q

QWERTY Keyboard 44

R

Red Eye
correction 104
Reject List 69
Reset
factory data 182

S

S Beam
sharing multiple pictures 105
sharing pictures 104
S Memo
creating a new memo 135
S Voice 146
Samsung Account
signing in 180
Samsung Apps 146
Samsung Keyboard
configuring 44
entering text 43
SD Card 41
Security 191
Security Settings
device administration 193
Service Dialing Numbers 62
Settings 99, 153
Locations 159
sound 166
Shortcuts 32
SIM card
installation 8
Smart Wi-Fi 110
Snooze 126
Software Update 197
Sound Settings 166
Spam
settings 89
Speakerphone Key 74
Speed Dials
assigning 61
removing 62
Stopwatch 127
Studio 147
Swap 72
SWYPE
entering text using 48
Swype
keyboard settings 184
settings 49

Symbol/Numeric Mode 46
Synchronizing Accounts 179

T

Tethering 163
Text Input
Abc mode 45
methods 43
numeric mode 46
symbol mode 46
Timer 127
automatic answering 79
Touch Screen
lock or unlock 13
Transferring Large Files 104
Travel Charger 10
Using 11

U

Uber 147
Understanding Your Device 16
features 16
front view 17
rear view 19
side views 18
Uninstall Applications 118
Unmute 70
Updating Applications 116
Usage Manager 148
USB Settings
mass storage device 115
USB Tethering 157

V

Video (app) 148
Video Player 148
Visual Voicemail 149
Voice Mail
accessing 15
from another phone 15
set up 15
Voice Recorder 150
Voice Search 150
Volume 166

W

Wallet 151
Widgets 35
Wi-Fi 106
IP address 155
MAC address 155
Wi-Fi Direct 109, 155
Wi-Fi Settings 154
World Clock
deleting an entry 127

Y

YouTube 151
YP (Yellowpages Mobile) 152